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### CONFIDENTIAL



### Finance Committee Meeting Supplemental Schedules

February 12, 2001

#### | Committee Members |

Mr. Herbert S. Winokur, Jr., Chairman

Mr. Robert A. Belfer

Mr. Norman P. Blake, Jr.

Mr. Ronnie C. Chan

Mr. Richard N. Foster

Mr. Jerome J. Meyer

Mr. Paulo V. Ferraz Pereira

Mr. Frank Savage

Mr. John A. Urquhart

EC004403469

GOVERNMENT EXHIBIT 289

Crim. No. H-04-25 (S-2)

## Major Relationship Exposures as of close of business February 8, 2001

Relationship	E-Rating	Exposure	Collateral	Net Exposure
TXU Corp	4	1,657,765,732	(140,400,000)	1,517,365,732
Bonneville Power Administration	2	790,070,314	0	790,070,314
Sithe/Independence Power Partners, L.P.	5	640,484,283	0	640,484,283
TransAlta Corporation	4	577,526,350	(6,500,000)	571,026,350
PG&E Corporation	11	576,066,266	(33,000,000)	543,066,266
Edison International	11	493,486,153	(5,000,000)	488,486,153
Reliant Energy Inc.	4	1,001,192,910	(532,150,000)	469,042,910
Koch Industries, Inc.	2	295,170,384	0	295,170,384
American Electric Power Company Inc.	4	260,707,189	(32,000,000)	228,707,189
Duke Energy Corporation	3	1,501,501,038	(1,281,550,000)	219,951,038
Sempra Energy	3	258,085,349	(59,750,000)	198,335,349
Avista Corporation	5	183,680,775	0	183,680,775
Utilicorp United Inc.	5	181,409,205	0	181,409,205
Transcanada Pipelines Ltd.	3	159,293,273	0	159,293,273
Energen Corporation	3	152,028,622	0	152,028,622
Canadian Natural Resources	4	151,501,699	0	151,501,699
Calpine Corporation	7	215,042,961	(75,000,000)	140,042,961
Columbia Energy Group	4	129,927,475	. 0	129,927,475
BP Amoco p.l.c.	1	165,332,499	(42,500,000)	122,832,499
FPL Group Inc.	2	122,058,886	(11,000,000)	111,058,886
Kinder Morgan, Inc.	5	152,992,342	(47,500,000)	105,492,342
The Williams Companies, Inc.	5	713,361,407	(622,000,000)	91,361,407
The Southern Company Inc.	4	342,806,766	(313,000,000)	29,806,766

Non-Investment Grade Credit Exposures

### **Trade Credit Exposures**

above \$50 million as of close of business February 8, 2001

Counterparty	E-Rating	Exposure	Collateral	Net Exposure
TXU Europe Energy Trading Ltd.	4	1,430,196,621	0	1,430,196,621
Bonneville Power Administration	2	790,070,314	0	790,070,314
Sithe/Independence Power Partners, L.P.	5	640,484,283	0	640,484,283
TransAlta Utilities Corporation	3	571,015,371	0	571,015,371
Southern California Edison Company (Lagrange)	11	449,892,431	0	449,892,431
Pacific Gas & Electric Company	11	385,565,861		385,565,861
Reliant Energy Resources Corp.	4	314,058,574		314,058,574
Duke Energy Trading and Marketing, L.L.C.	3	1,467,678,039	(1,269,050,000)	198,628,039
Koch Petroleum Group, L.P.	2	167,920,602	0	167,920,602
Avista Energy, Inc.	5	156,654,138	0	156,654,138
Canadian Natural Resources	4	150,487,828	0	150,487,828



#### **Cash Collateral**

as of close of business February 8, 2001

Counterparty			Amount
The Chase Manhattan Bank		\$	1,289,450,000
Duke Energy Trading and Marketing, L.L.C EPMI			1,239,800,000
Williams Energy Marketing & Trading Company - EPMI			622,000,000
J. Aron & Company			210,000,000
Reliant Energy Services, Inc.			171,483,600
Merrill Lynch Capital Services, Inc.			120,600,000
Bank of America, National Association			119,350,000
Mirant Americas Energy Marketing, L.P.			112,000,000
Credit Suisse First Boston International			69,000,000
Cargill, Incorporated			62,100,000
Bankers Trust Company			61,750,000
Kinder Morgan, Inc.			47,500,000
BP Amoco Corporation			42,500,000
PG&E Energy Trading-Gas Corporation			33,000,000
AEP Energy Services, Inc.			32,000,000
Vitol S.A.			30,070,000
Sempra Energy Trading Corp.			26,750,000
CMS Marketing, Services and Trading Company			22,000,000
PSEG Energy Resources & Trade LLC			12,300,000
Cargill-Alliant, LLC			12,000,000
Seneca Resources Corporation			10,500,000
Cook Inlet Energy Supply L.L.C.			7,700,000
Phoenix Dominion Energy, LLC			7,000,000
The Tudor BVI Global Portfolio Ltd.			6,730,000
Virginia Power Energy Marketing, Inc.			5,800,000
Torch Energy Marketing Inc.			5,250,000
Other Cash Received			23,232,635
AOT Trading AG			(1,000,000)
Idacorp Energy Solutions, L.P.			(1,250,000)
California Power Exchange Corporation			(3,302,390)
Hess Energy Trading Company LLC			(9,300,000)
Morgan Guaranty Trust Company Of New York			(10,125,000)
Phibro Inc.			(12,250,000)
ConAgra Energy Services, Inc.			(12,800,000)
Societe Generale			(15,000,000)
PCS Nitrogen Fertilizer, L.P.			(17,100,000)
General Re Financial Products Corporation			(21,250,000)
Louis Dreyfus Corporation			(30,000,000)
Utilicorp United Inc.			(47,500,000)
Citibank, N.A.			(66,600,000)
El Paso Merchant Energy, L.P.			(159,000,000)
Williams Energy Marketing & Trading Company - ENA		÷	(184,000,000)
Duke Energy Trading and Marketing, L.L.C ENA			(213,500,000)
NYMEX			(284,195,547)
Mahonia Ltd			(1,053,600,000)
Total	:	\$	2,260,093,298
	Total Incoming	\$	4,401,866,235
	Total Outgoing	Ŧ	(2,141,772,937)
		\$	2,260,093,298
•	:		

#### Other Collateral

as of close of business February 8, 2001

#### Incoming Letters of Credit

#### **Outgoing Letters of Credit**

Amount (181,500,000)

\$ (1,266,022,000) \$ (1,266,022,000)

(112,250,000) (109,000,000) (95,500,000) (92,290,000) (40,000,000) (30,000,000) (22,700,000) (20,000,000) (14,795,400) (1,370,000) (132,400) (100,000) S (719,637,800)

Reliant Energy Services, Inc.  Duke Energy Trading and Marketing, L.L.C EPMI Mirant Americas Energy Marketing, L.P.  TXU Energy Trading Company Calpine Energy Services, L.P. Morgan Stanley Capital Group Inc. Woodward Marketing, L.L.C. Sempra Energy Trading Corp. Neumin Production Co. Warren, George E Corporation Mieco Inc. Enserco Energy, Inc. Enterprise Products Operating L.P. Midland Cogeneration Venture Limited Partnership - ECC  \$ 360,666,400 242,750,000 Duke Energy Marketing Inc. Duke Energy Marketing Inc. Duke Energy Marketing Limited Partnership - ECC  TransCanada Energy Financial Products Limited Partnership - ECC  TransCanada Energy Financial Products Limited Partnership - ECC  TransCanada Energy Marketing Limited Partnership - ECC  TransCanada Energy Marketing Limited Partnership - ECC  TransCanada Energy Marketing Limited Partnership - ECC  Duke Energy Marketing Limited Partnership - ECC  Louis Dreyfus Corporation  ISO New England Inc.  Louis Dreyfus Corporation Southern California Edison Company Powerex Corp. Empresa Estatal de Petroleos del Ecuador El Nasr Steel Pipes & Fittings Co. Cammesa Power Pool of Alberta  Total	Counterparty	 Amount	Counterparty
Duke Energy Trading and Marketing, L.P.         242,750,000           Mirant Americas Energy Marketing, L.P.         201,000,000           TXU Energy Trading Company         140,400,000           Calpine Energy Services, L.P.         75,000,000           Morgan Stanley Capital Group Inc.         74,500,000           Woodward Marketing, L.L.C.         37,300,000           Sempra Energy Trading Corp.         33,000,000           Neumin Production Co.         30,880,613           Mieco Inc.         28,000,000           Enserco Energy, Inc.         18,700,000           Enterprise Products Operating L.P.         17,250,000           PanCanadian Energy Services Inc.         16,000,000           Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC         15,000,000           PLP. Energy Power Marketing, Inc.         10,000,000           Birchii Resources Limited         10,000,000           Glencore AG         10,000,000           Vatural Gas Exchange Inc.         10,000,000           Prollance Energy, LLC         10,000,000           Nagara Mohawk Energy Marketing, Inc.         9,600,000           Societa Generale Energie (USA) Corp.         8,809,053           PetroPeru S.A.         7,475,500           Aubundale Power Partners L		\$ 360,666,400	LG&E Energy Marketing Inc.
Mirant Americas Energy Marketing, L.P.         201,000,000           TXU Energy Trading Company         140,400,000           Calpine Energy Services, L.P.         75,000,000           Morgan Stanley Capital Group Inc.         74,500,000           Woodward Marketing, L.L.C.         33,300,000           Sempra Energy Trading Corp.         33,000,000           Neumin Production Co.         30,880,813           Warren, George E Corporation         28,000,000           Mieco Inc.         18,700,000           Enserce Energy, Inc.         16,000,000           Enterpise Products Operating L.P.         17,250,000           Pan Canadian Energy Services Inc.         15,000,000           Midland Cogeneration Venture Limited Partnership Duke Energy Marketing, Inc.         15,000,000           Dirichili Resources Limited         10,000,000           Glencore AG         10,001,000           Cross Timbers Oil Company         10,000,000           Hatslund Energy Trading, LLC         10,000,000           Natural Gas Exchange Inc.         10,000,000           Powex Energy, Inc.         8,809,053           Societe Generale Energie (USA) Corp.         8,809,053           DevX Energy Marketing Corp.         8,500,000           Pompra Se Estable de Power Partners LP         7,500,	Duke Energy Trading and Marketing, L.L.C EPMI	242,750,000	Duke Energy Marketing Limited Partnership - ECC
TXU Energy Trading Company	Mirant Americas Energy Marketing, L.P.	201,000,000	
Calpine Energy Services, L.P.   75,000,000   California Power Exchange Corporation   15,000,000   California Power Exchange Corporation   17,000,000   California Power Exchange Corporation   18,700,000   California Power Exchange Corporation   18,700,000   California Power Exchange Corporation   18,700,000   California Power Exchange Corporation   California Power Power California Edison Company   Engoyence California Edison Company   Engoyence California Edison Company   Engoyence California Edison Company   California Edison Company   California Edison Company   Power Pool of Alberta   Total   To		140,400,000	
Morgan Stanley Capital Group Inc.         74,500,000         ISO New England Inc.           Woodward Marketing, L.L.C.         37,300,000         Southern California Edison Company           Sempra Energy Trading Corp.         33,000,000         Southern California Edison Company           Neumin Production Co.         28,000,000         Empress Estatal de Petroleos del Ecuador           Enterprise Products Operating L.P.         17,250,000         Empress Estatal de Petroleos del Ecuador           Enterprise Products Operating L.P.         17,250,000         Cammesa           PanCanadian Energy Services Inc.         16,000,000         Cammesa           Midland Cogeneration Venture Limited Partnership Duke Energy Marketing, Inc.         11,000,000         Total           FIVE Energy Power Marketing, Inc.         10,000,000         Outgoing Surety Bond           Glencore AG         10,091,375         Counterparty           Cross Timbers Oil Company         10,000,000         Total           Natural Gas Exchange Inc.         10,000,000         Total           Naigara Mohawk Energy Marketing, Inc.         9,600,000         Total           DevX Energy, Inc.         8,500,000           Contour Energy Corpeany         6,000,000           Panaco, Inc.         7,476,500           PransAlta Energy Marketing Corp.         6,5		75,000,000	California Power Exchange Corporation
Woodward Marketing, L.L.C.		74,500,000	•
Sempra Energy Trading Corp.   33,000,000   Neumin Production Co.   32,000,000   32,000,000   Neumin Production Co.   32,000,000   32,000,000   Neumin Production Co.   32,000,000   32,000,000   Neumin Production Co.   30,860,613   Nieco Inc.   28,000,000   Enserco Energy, Inc.   17,250,000   Enterprise Products Operating L.P.   17,250,000   Niddland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC   15,000,000   Nichili Resources Limited   10,400,000   Nichili Resources Limited   10,400,000   Nichili Resources Limited   10,000,000   Natural Gas Exchange Inc.   10,000,000   Natural Gas Exchange Inc.   10,000,000   Nichili Resources Limited   10,000,000   Nichili Resources Limited   10,000,000   Nichili Resources Limited   10,000,000   Natural Gas Exchange Inc.   10,000,000   Nichili Resources Limited   10,		37,300,000	·
Neumin Production Co.   32,000,000   Yowerex Corp.   Yowerex Yower Marketing L.P.   Yowerex Yower Marketing Vertical Partnership   Yower Products Operating Vertical Partnership   Yower Partners Vertical Partnership   Yower Marketing, Inc.   Yower Products Vertical Partnership   Yower Marketing, Inc.   Yower Products Vertical Partnership   Young Products		33,000,000	Southern California Edison Company
Warren, George E Corporation Mieco Inc. 18,000,000 Enserco Energy, Inc. 18,700,000 Enterprise Products Operating L.P. 17,250,000 PanCanadian Energy Services Inc. Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC PPL Energy Power Marketing, Inc. Birchiil Resources Limited Glencore AG Cross Timbers Oil Company Hafslund Energy Trading, LLC Natural Gas Exchange Inc. ProLiance Energy, LLC Niagara Mohawk Energy Marketing, Inc. Societe Generale Energie (USA) Corp. Societe Generale Energie (USA) Corp. PetroPeru S.A. Auburndale Power Partners LP TransAlta Energy Marketing Corp. Linder Energy Company Metromedia Energy, Inc. Castle Power LLC Deseret Generation & Transmission Coop. Edison Mission Marketing & Trading Inc. Solon, Mission Marketing & Trading Inc.		32,000,000	· · · · · · · · · · · · · · · · · · ·
Mieco Inc.         28,000,000         El Nasr Steel Pipes & Fittings Co.           Enseroc Energy, Inc.         18,700,000         Cammes           Enterprise Products Operating L.P.         17,250,000         Power Pool of Alberta           Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC         15,000,000         Total           FPL Energy Power Marketing, Imc.         11,000,000         Outgoing Surety Bond           Birchill Resources Limited         10,400,000         Malenta           Glencore AG         10,000,000         Malonia Ltd.           Cross Timbers Oil Company         10,000,000         Malonia Ltd.           Haisund Energy Trading, LLC         10,000,000         Malonia Ltd.           Natural Gas Exchange Inc.         10,000,000         Malonia Ltd.           ProLiance Energy, LLC         10,000,000         Malonia Ltd.           Niagara Mohawk Energy Marketing, Inc.         8,500,000           Societe Generale Energie (USA) Corp.         8,500,000           Panaco, Inc.         7,500,000           Partoperu S.A.         7,476,500           Auburndale Power Partners LP         6,500,000           TransAlta Energy Marketing Corp.         6,500,000           Linder Energy Company         6,000,000           Me		30,860,613	•
Enserco Energy, Inc. Enterprise Products Operating L.P. PanCanadian Energy Services Inc. Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership- ECC FPL Energy Power Marketing, Inc. Birchill Resources Limited Birchill Resources Limited Glencore AG Cross Timbers Oil Company Halslund Energy Trading, LLC Natural Gas Exchange Inc. ProLiance Energy, LLC Niagara Mohawk Energy Marketing, Inc. Societe Generale Energie (USA) Corp. Pext Energy, Inc. Contour Energy Co. Panaco, Inc. PetroPeru S.A. Auburndale Power Partners LP TransAlta Energy Marketing Corp. Linder Energy Company Metromedia Energy, Inc. Castle Power LLC Deseret Generation & Transmission Coop. Edison Mission Marketing & Trading Inc. Select Energy, Inc. Colonous Energy, Inc. Costlet Energy, Inc. Castle Power LLC Deseret Generation & Transmission Coop. Edison Mission Marketing & Trading Inc. Select Energy, Inc. Colonous Collete Energy Services, Inc. Interstate Gas Supply, Inc. Select Energy, Inc. Colter Interstate Gas Supply, Inc. Select Energy, Inc. Colter Interstate Gas Supply, Inc. Colter Interstate Gais Minerals, Inc. Colter Interstate Gais Supply, Inc. Colter Interstate Gais Supply, Inc. Colter Interstate Gais Supply, Inc. Colter Inters		28,000,000	El Nasr Steel Pipes & Fittings Co.
Enterprise Products Operating L.P.   17,250,000   Power Pool of Alberta   16,000,000   Power Pool of Alberta   16,000,000   Total		18,700,000	
PanCanadian Energy Services Inc.         16,000,000         Total           Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC         15,000,000         Outgoing Surety Bond           FPL Energy Power Marketing, Inc.         11,000,000         Outgoing Surety Bond           Birchill Resources Limited         10,400,000         Counterparty           Glencore AG         10,091,375         Counterparty           Cross Timbers Oil Company         10,000,000         Mahonia Ltd.           Natural Gas Exchange Inc.         10,000,000         Total           Natural Gas Exchange Inc.         10,000,000         Total           ProLiance Energy, LLC         10,000,000         Total           Niagara Mohawk Energy Marketing, Inc.         9,600,000           Societe Generale Energie (USA) Corp.         8,809,053           DevX Energy, Inc.         8,000,000           Contour Energy Co.         8,000,000           Panaco, Inc.         7,476,500           Auburndale Power Partners LP         7,000,000           TransAlta Energy Marketing Corp.         6,500,000           Linder Energy Company         6,000,000           Metromedia Energy, Inc.         5,750,000           Castle Power LLC         5,750,000           Deseret		17,250,000	Power Pool of Alberta
Midland Cogeneration Venture Limited Partnership Duke Energy Marketing Limited Partnership - ECC         15,000,000         Outgoing Surety Bond           FPL Energy Power Marketing, Inc.         11,000,000         Outgoing Surety Bond           Birchill Resources Limited         10,400,000         Counterparty           Glencore AG         10,001,000         Mahonia Ltd.           Cross Timbers Oil Company         10,000,000         Mahonia Ltd.           Hatslund Energy Trading, LLC         10,000,000         Notal           Natural Gas Exchange Inc.         10,000,000         Notal           ProLiance Energy, LLC         10,000,000         Notal           Nocite Generale Energie (USA) Corp.         8,800,000         Notal           Societe Generale Energie (USA) Corp.         8,500,000         Notal           DevX Energy, Inc.         8,500,000         Notal           Contour Energy Co.         8,000,000         Notal           Paraco, Inc.         7,476,500         Notal           PetroPeru S.A.         7,476,500         Notal           Auburndale Power Partners LP         7,000,000           TransAlta Energy Marketing Corp.         6,000,000           Linder Energy, Inc.         5,750,000           Castle Power LLC         5,750,000 <td< td=""><td>PanCanadian Energy Services Inc.</td><td>16,000,000</td><td>Total</td></td<>	PanCanadian Energy Services Inc.	16,000,000	Total
Duke Energy Marketing Limited Partnership - ECC		15,000,000	
FPL Energy Power Marketing, Inc.	Duke Energy Marketing Limited Partnership - ECC	12,500,000	
Birchill Resources Limited   10,400,000   10,091,375   Counterparty	——————————————————————————————————————	11,000,000	Outgoing Surety Bond
Counterparty		10,400,000	
Cross Timbers Oil Company         10,000,000         Mahonia Ltd.           Hafslund Energy Trading, LLC         10,000,000         Total           Natural Gas Exchange Inc.         10,000,000           ProLiance Energy, LLC         10,000,000           Niagara Mohawk Energy Marketing, Inc.         9,600,000           Societe Generale Energie (USA) Corp.         8,809,053           DevX Energy, Inc.         8,500,000           Contour Energy Co.         7,500,000           Panaco, Inc.         7,500,000           PetroPeru S.A.         7,476,500           Auburndale Power Partners LP         7,000,000           TransAlta Energy Marketing Corp.         6,500,000           Linder Energy Company         6,000,000           Metromedia Energy, Inc.         6,000,000           Castle Power LLC         5,750,000           Deseret Generation & Transmission Coop.         5,750,000           Edison Mission Marketing & Trading Inc.         5,000,000           HS Energy Services, Inc.         5,000,000           Interstate Gas Supply, Inc.         5,000,000           United Oil & Minerals, Inc.         5,000,000           Other         118,322,150		10,091,375	Counterparty
Hafslund Energy Trading, LLC       10,000,000       Total         Natural Gas Exchange Inc.       10,000,000         ProLiance Energy, LLC       10,000,000         Niagara Mohawk Energy Marketing, Inc.       9,600,000         Societe Generale Energie (USA) Corp.       8,809,053         DevX Energy, Inc.       8,500,000         Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		10,000,000	Mahonia Ltd.
Natural Gas Exchange Inc.       10,000,000         ProLiance Energy, LLC       10,000,000         Niagara Mohawk Energy Marketing, Inc.       9,600,000         Societe Generale Energie (USA) Corp.       8,809,053         DevX Energy, Inc.       8,500,000         Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		10,000,000	Total
ProLiance Energy, LLC       10,000,000         Niagara Mohawk Energy Marketing, Inc.       9,600,000         Societe Generale Energie (USA) Corp.       8,809,053         DevX Energy, Inc.       8,500,000         Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		10,000,000	
Niagara Mohawk Energy Marketing, Inc.       9,600,000         Societe Generale Energie (USA) Corp.       8,809,053         DevX Energy, Inc.       8,500,000         Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		10,000,000	
Societe Generale Energie (USA) Corp.         8,809,053           DevX Energy, Inc.         8,500,000           Contour Energy Co.         8,000,000           Panaco, Inc.         7,500,000           PetroPeru S.A.         7,476,500           Auburndale Power Partners LP         7,000,000           TransAlta Energy Marketing Corp.         6,500,000           Linder Energy Company         6,000,000           Metromedia Energy, Inc.         6,000,000           Castle Power LLC         5,750,000           Deseret Generation & Transmission Coop.         5,750,000           Edison Mission Marketing & Trading Inc.         5,000,000           HS Energy Services, Inc.         5,000,000           Interstate Gas Supply, Inc.         5,000,000           Select Energy, Inc.         5,000,000           United Oil & Minerals, Inc.         5,000,000           Other         118,322,150			
DevX Energy, Inc.       8,500,000         Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		8,809,053	
Contour Energy Co.       8,000,000         Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		8,500,000	
Panaco, Inc.       7,500,000         PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		8,000,000	
PetroPeru S.A.       7,476,500         Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		7,500,000	
Auburndale Power Partners LP       7,000,000         TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		7,476,500	
TransAlta Energy Marketing Corp.       6,500,000         Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		7,000,000	
Linder Energy Company       6,000,000         Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		6,500,000	
Metromedia Energy, Inc.       6,000,000         Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150	3,	6,000,000	
Castle Power LLC       5,750,000         Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		6,000,000	
Deseret Generation & Transmission Coop.       5,750,000         Edison Mission Marketing & Trading Inc.       5,000,000         HS Energy Services, Inc.       5,000,000         Interstate Gas Supply, Inc.       5,000,000         Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150	<u> </u>	5,750,000	
Edison Mission Marketing & Trading Inc. 5,000,000  HS Energy Services, Inc. 5,000,000  Interstate Gas Supply, Inc. 5,000,000  Select Energy, Inc. 5,000,000  United Oil & Minerals, Inc. 5,000,000  Other 118,322,150	<del>-</del>	5,750,000	
HS Energy Services, Inc. 5,000,000 Interstate Gas Supply, Inc. 5,000,000 Select Energy, Inc. 5,000,000 United Oil & Minerals, Inc. 5,000,000 Other 118,322,150		5,000,000	•
Interstate Gas Supply, Inc. 5,000,000 Select Energy, Inc. 5,000,000 United Oil & Minerals, Inc. 5,000,000 Other 118,322,150		5,000,000	
Select Energy, Inc.       5,000,000         United Oil & Minerals, Inc.       5,000,000         Other       118,322,150		5,000,000	
United Oil & Minerals, Inc. 5,000,000 Other 118,322,150		5,000,000	
Other 118,322,150		5,000,000	
Total \$ 1,636,626,091		 118,322,150	
	~	\$ 1,636,626,091	
			•

#### **Incoming Securities**

Counterparty	Amount			
Bank of Montreal	\$	103,250,000		
Total	\$	103,250,000		

### California Credit Risk Mitigation

(in \$MM's)

Utility		
PG&E - Return of customers to utility service	\$ .	665
	\$	665
Non-Regulated Collateral Contract assignment and assumption	\$	33
Contract assignment and assumption  Avista		132
Duke •		99
Merchant Energy Group of America		57
Master netting and set-off agreement		30_
	\$	351
Total	\$	1,016
Utility - Pending SCE - Return of customers to utility service		315
Grand Total	\$	1,331

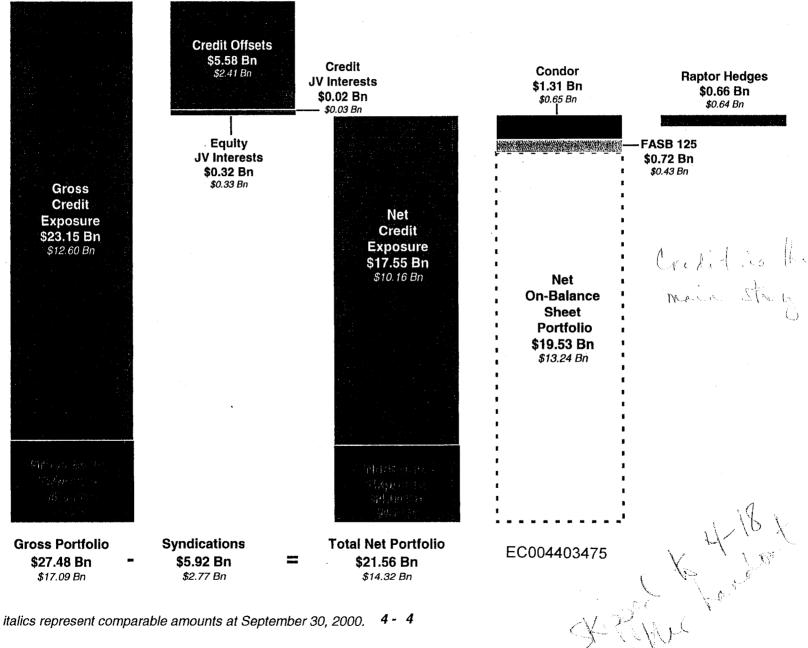
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### **Merchant Portfolio**

Marches

as of December 31, 2000

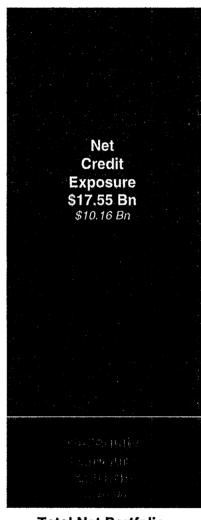


Numbers in italics represent comparable amounts at September 30, 2000.

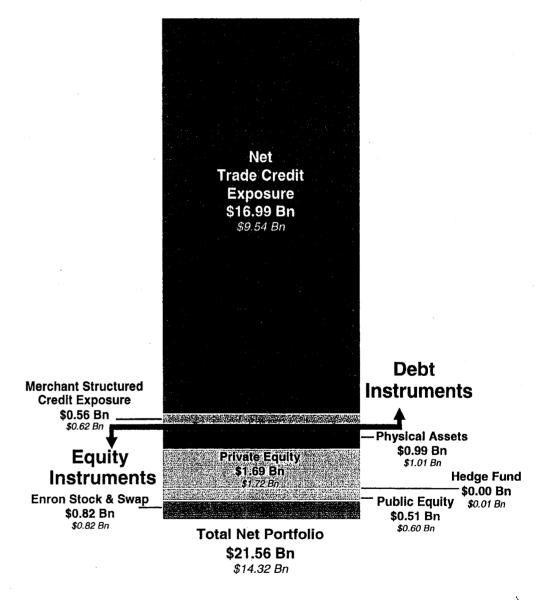
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### **Merchant Portfolio After Syndication**

as of December 31, 2000



Total Net Portfolio \$21.56 Bn \$14.32 Bn



4 - 5

EC004403476

Numbers in italics represent comparable amounts at September 30, 2000.

### Increase in Gross Credit Exposure

- Significant price movements in NYMEX gas prices and Western basis
- > Significant price movements in power prices
- ➢ Increased EES exposures due to negative CTC buildup in California
- > Increase in magnitude of portfolio due to volume growth augmented the impact of price movements to Price Risk

  Management agests and liabilities

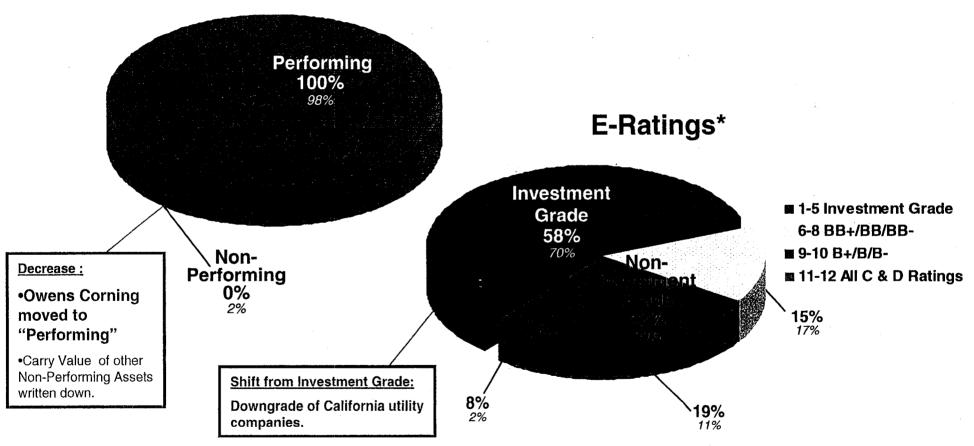
### **Debt Instruments**

as of December 31, 2000

Net Credit Exposure: \$17.55 Bn

\$10.16 Bn

#### **Portfolio Performance**



4 - 7

<sup>\* &</sup>quot;E-Ratings" represent Enron's Internal Credit Rating System. 1 = AAA.

Numbers in italics represent comparable amounts at September 30, 2000.

### **Top 25 Net Credit Exposures**

Type of Credit	E-Rating	Counterparty Name	June 30, 2000 In \$MM's	September 30, 2000 In \$MM's	December 31, 2000 in \$MM's
Trade	4	TXU Europe Energy Trading Ltd.	1,452	1,389	1,238
Trade	3	Trans Alta Utilities Corporation	N/A	293	836
Trade	11	Pacific Gas & Electric Company	54	61	808
Trade	5	Sithe/Independence Power Partners, L.P.	519	597	632
Trade	2	Bonneville Power Administration	162	242	606
Trade	2	Barclays Physical Trading Ltd	N/A	N/A	526
Trade	4	Reliant Energy Resources Corp.	166	179	385
Trade	11	Southern California Edison Company	N/A	N/A	320
Trade	3	Duke Energy Trading and Marketing, L.L.C.	N/A	N/A	257
Trade	4	Reliant Energy Services, Inc.	56	N/A	220
Trade	9	PG&E Energy Trading - Power, L.P.	N/A	115	212
Trade	5	Avista Energy Inc.	N/A	N/A	181
Trade	4	Canadian Natural Resources	124	131	160
Merchant	6	Teast Coast Power	158	158	159
Trade	7	Aguila Canada Corp	N/A	NA NA	150
Trade	4	American Electric Power Service Corporation	62	N/A	137
Trade	2	Florida Power & Light Company	149	145	134
Trade	6	Columbia Natural Resources, Inc.	N/A	77	132
Merchant	9	Mariner Combined Debt	114	112	123
Trade	3	AEP Energy Services, Inc.	N/A	105	123
Trade	2	Koch Energy Trading, Inc.	89	108	111
Trade	7	Aguila Energy Marketing Corporation	N/A	N/A	106
Trade	3	Duke Energy Marketing Limited Partnership	N/A	64	106
Trade	3	Energen Resources Corporation	N/A	72	100
Trade	3	Idaho Power Company	N/A	N/A	94
Trade	2	The Chase Manhattan Bank	159	198	N/A
Merchant	8	American Coal Tranche I	133	102	N/A
Trade	11	Owens Corning	N/A	97	N/A
Trade	4	Petro-Canada Oil and Gas	74	95	N/A
Trade	5	Williams Energy Marketing & Trading Company	114	90	N/A
Trade	4	Southern Company Energy Marketing, L.P.	58	73	N/A
Trade	5	Neumin Production Co.	N/A	63	N/A
Trade	4	Merchant Energy Group of the Americas, Inc.	N/A	53	N/A
Trade	8	Belco Oil & Gas Corp.	N/A	52	N/A
Trade	2	The Power Authority of the State of New York	52	N/A	N/A
Trade	2	Merrill Lynch Capital Services, Inc.	57	N/A	N/A
Trade	5	Tractebel Energy Marketing, Inc.	85		N/A
Trade	1	Koch Petroleum Group, L.P.	66		N/A
Trade	4	Yorkshire Electricity Group pic	62		N/A
Trade	4	United Illuminating Company	62		N/A
		Top 25 Total	4,027		7,856
		Other Net Credit Exposures _	4,956		9,693
		Total Net Credit Exposure _	8,983	10,157	17,549

Counterparties new to "Top 25" list

Non-Investment Grade Credit Exposures

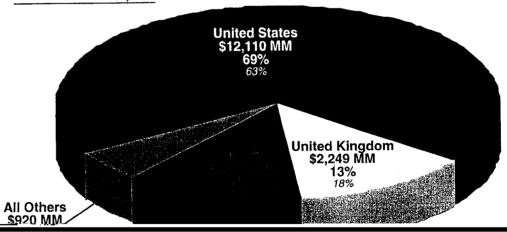
# Major Trade Credit Relationship Exposures as of December 31, 2000

E-Rating	Relationship	Exposure in \$MM's	Monetizations and Collateral in \$MM's	Net Exposure in \$MM's
4	TXU Corp.	1,462	159	1,303
11	PG&E Corp.	1,136	0	1,136
4	TransAlta Corporation	857	19	838
4	Reliant Energy Inc.	1,121	474	647
5	Sithe/Independence Power Partners, L.P.	633	0	633
2	Bonneville Power Administration	606	0	606
2	Barclays plc	553	0	553
11	Edison International	407	7	400
3	Duke Energy Corporation	1,063	680	383
5	Utilicorp United Inc.	315	8	307
4	American Electric Power Company Inc.	301	32	269
5	Avista Corporation	217	0	217
4	Columbia Energy Group	157	0	157
1	Koch Industries, Inc.	151	0	151
3	Sempra Energy	586	466	120
7	Calpine Corporation	192	75	117
3	Transcanada Pipelines Ltd.	96	0	96
4	The Southern Company Inc.	313	272	41
5	The Williams Companies, Inc.	559	540	19
	Major Relationships Total	10,725	2,732	7,993
	Other Trade Credit Exposures	11,848	2,847	9,001
	Total Trade Credit Exposure	22,573	5,579	16,994

Non-Investment Grade Credit Exposures

### **Top 10 Country Net Credit Exposures**

	E-Rating	Country	September 30, 2000 In \$MM's	% of Total	December 31, 2000 in \$MM's	% of Total
1	1	United States	6,442	63%	12,110	69%
	1	Canada	1,020	10%	2,270	13%
	1	United Kingdom	1,873	18%	2,249	13%
	1	Germany	120	1%	115	1%
	1	Sweden	N/A		100	1%
	1	Switzerland	80	1%	89	1%
	1	Norway	N/A		76	
	1	Australia	26		38	
	7	Philippines	46		37	
	6	Slovakia	N/A		36	
	1	Singapore	45		N/A	
	9	Argentina	28		N/A	
	1	Netherlands	26		N/A	
	•	Top 10 Total	9,706	-	17,120	
)th	er Countrie	es Net Credit Exposure	451	_	429	
		al Net Credit Exposure	10,157	-	17,549	_
		•				



# Debt Instrument Performance Non-Performing Exposure Detail

Type of Credit	Country	E-Rating	Transaction	Industry Sector	Net Cost (\$MM's)	Net Carry Value (\$MM's)	Life to Date Change in Value (\$MM's)	Q4'00 Change in Value (\$MM's)
Merchant	United States	12	Kafus/CanFibre	Paper / Pulp	23.39	0.00	(23.39)	0.00
Merchant	United States	12	Ecogas	Oil & Gas: A&D	19.79	0.00	(19.79)	(13.23)
Merchant	Thailand	12	NSM	Steel	19.28	0.00	(19.28)	0.00
Merchant	United States	12	Hughes Rawls	Oil & Gas: E&P	7.56	1.18	(6.38)	0.00
Merchant	United States	12	Industrial Holdings	Oil Field Services	7.50	7.12	(0.38)	0.00
Trade	United States	12	Arcadia	Energy Marketing	5.94	5.94	0.00	0.00
Trade	United States	12	Badak Gas Marketing Inc	Oil & Gas: E&P	8.44	8.44	0.00	0.00
Trade	United States	12	Perry Gas	Energy Marketing	8.97	8.97	0.00	0.00
			All Others		7.49	6.82	(0.67)	(0.44)
			Total Non-Performing Credit Exposure		108.36	38.47	(69.89)	(13.67)
			Total Net Credit Exposure			\$ 17,548.65		
	•		Non-Performing Percentage			0.22%		
Non-Perfor	ning Assets held l	by ENA CL	.O (Merlin)					
Merchant	United States	12	Heartland Steel *	Steel	15.00	15.00	0.00	0.00
Merchant	United States	12	Kafus/CanFibre *	Paper / Pulp	60.00	60.00	0.00	0.00
Merchant	United States	12	LSI Electric Specialty *	Oil Field Services	0.18	0.18	0.00	0.00
Merchant	United States	12	TransCoastal Marine Services *	Oil Field Services	20.00	20.00	0.00	0.00
			Total ENA CLO (Merlin)		95.18	95.18	0.00	0.00

Counterparties new to "Debt Instrument Performance" list from September 30, 2000

<sup>\*</sup> Represents Non-Performing Assets which were sold to Merlin CLO and therefore not included on Enron's balance sheet or marked to market. Balances shown represent the asset basis in the CLO which is exposure to Enron through a \$113MM credit derivative.

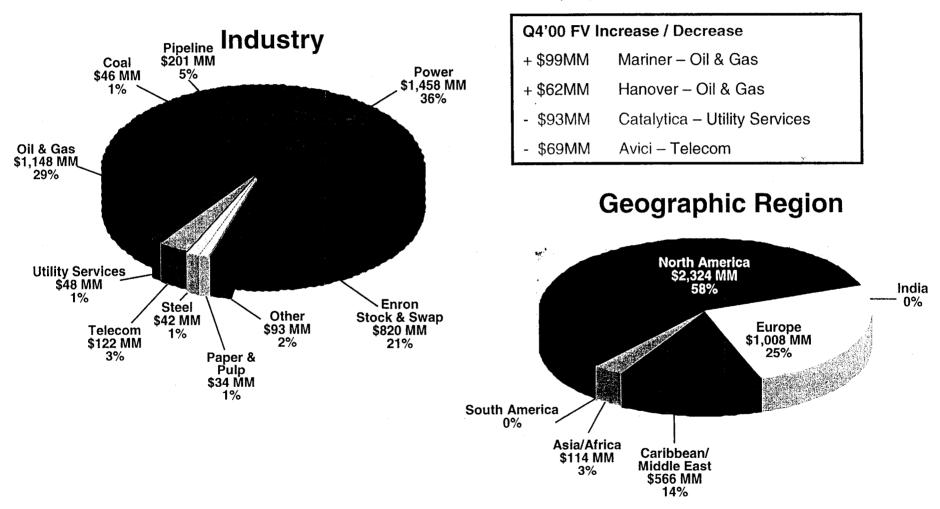
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### **Equity Instruments**

as of December 31, 2000

**Net Equity Exposure \$4.01 Bn** 

\$4.16 Bn



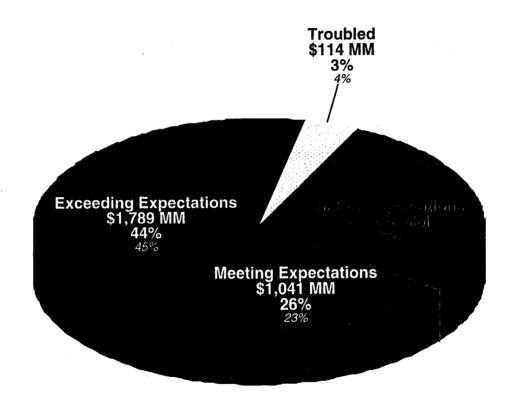
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### **Equity Instruments Performance**

as of December 31, 2000

**Net Equity Exposure \$4.01 Bn** 

\$4.16 Bn



# Equity Instrument Performance Troubled Asset Detail

Business Unit	Country	Transaction	Asset Book	Industry Sector	Net Cost (\$MM's)	Net Carry Value (\$MM's)	Life to Date Change in Value (\$MM's)	Q4'00 Change in Value (\$MM's)
Enron Americas	United States	Kafus/CanFibre	Public Equity	Paper/Pulp	45.64	0.00	(45.64)	0.00
Enron Americas	United States	Ecogas	Private Equity	Oil & Gas: A&D	20.75	0.00	(20.75)	0.00
Enron Americas	United States	Hughes Rawls	Private Equity	Oil & Gas: E&P	12.03	0.00	(12.03)	0.00
Enron Americas	Thailand	NSM	Public Equity	Steel	12.03	0.00	(12.03)	0.00
Enron Americas	United States	Crown Energy	Private Equity	Other	5.47	0.00	(5.47)	0.00
Enron Americas	United States	Inland Resources, Inc.	Public Equity	Oil & Gas: A&D	6.92	5.24	(1.68)	(0.52)
Enron Global Assets	Venezuela	Citadel Venezolana	Physical Assets	Other	10.72	10.72	0.00	0.00
Enron Global Markets	Puerto Rico	San Juan Gas	Physical Assets	Pipeline	13.51	13.51	0.00	0.00
Enron Americas	United States	EnSerCo Offshore	Private Equity	Oil Field Services	5.19	5.19	0.00	0.00
Enron Americas	United States	Merlin CLO Equity Option	Private Equity	Other	23.50	23.50	0.00	0.00
Enron Americas	United States	Heartland Steel	Private Equity	Steel	25.44	41.75	16.31	0.00
		All Others			29.59	14.31	(15.28)	0.84
			Total Troubled I	Equity	210.79	114.22	(96.57)	0.32
			Total Net Equity	/ Exposure		\$ 4,011.91		

Troubled Percentage

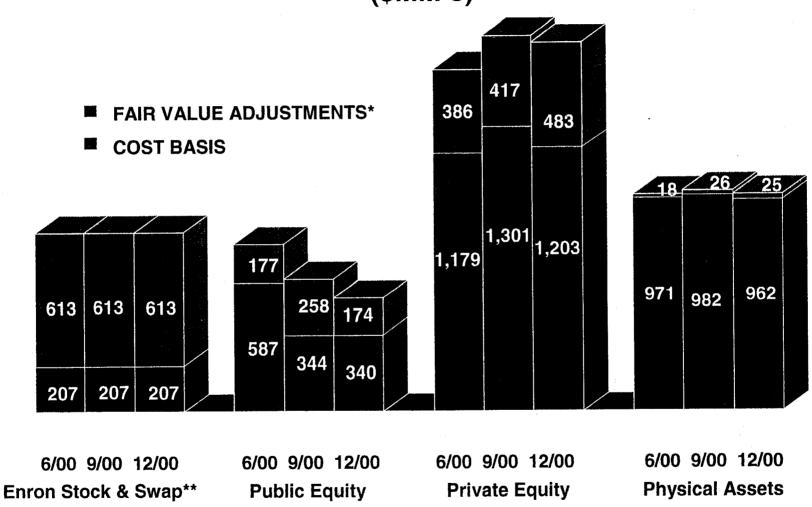
### **Bottom 10 Investments**

	Net Cost (\$MM's)	Net Carry Value (\$MM's)	Life to Date Change in Value (\$MM's)	Remarks
	and the second s	The state of the s		The British Columbia Supreme Court granted a creditor's petition filed on 8/14/00
Kafus/CanFibre (Equity & Debt - EA)	69.03	0.00	(69.03)	and appointed PricewaterhouseCoopers Inc. as interim receiver. The Company continues as a debtor in possession. The ENA CLO (Merlin) Trust also holds \$60 MM in debt.
Ecogas	40.54	0.00	(40.54)	The liquidation of Ecogas was recently completed with all remaining assets and facilities having been sold. Unsecured creditors have been settled with and all remaining issues have been adequately reserved.
(Private Equity & Debt - EA)	40.54	0.00	(40.54)	The remaining properties in the LLC have been sold. Enron will continue to pursue resolution of certain recent audit findings against the operator of the properties, with
Hughes Rawls (Private Equity & Sr Loan - EA)	19.59	1.18	(18.41)	some additional minor financial renumeration likely.
				Only 2 of the wells drilled have proved to be economically viable and the PV10 reserve value on them is marginal. The original LLC structure is being dissolved,

### **Top 10 Investments**

				Life to Date		
				Observe in		
	i	Net	Net	Change in Value	· ·	
		Cost Ca	arry Value	Value	1	
		(\$MM's)	/CRARA'e\	(\$MM#2)	Remarks	
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# Merchant Equity Investments - Fair Market Value as of December 31, 2000 (\$MM's)



Includes write-ups and write-downs.

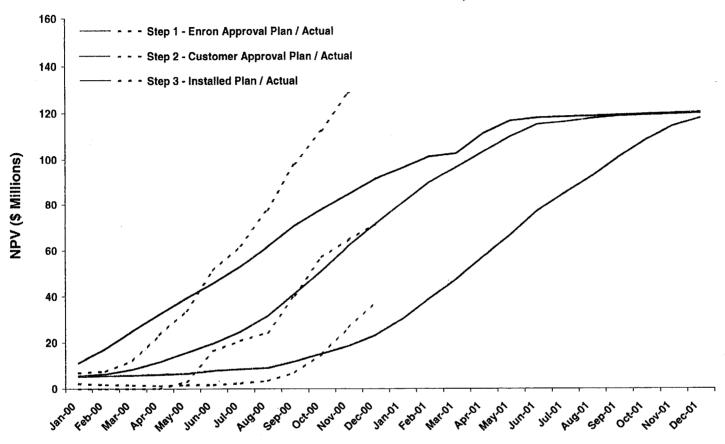
<sup>\*\*</sup> Includes a swap entered into at a price of \$71. The swap expires June 14, 2001.

## **EES Status Report**



### Energy Asset Projects - Net Present Value

as of December 31, 2000



- Excellent progress continued in developing projects and obtaining customer approvals
- ◆ Project installation now ahead of plan
- Next step is to verify actual project performance:

Valuation personnel now in place, methodology / process developed

Pre-project baseline measurements starting

Post-project performance measurement will follow

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### **Energy Asset Management Verification**

### **♦** Sample:

A total of thirty-four completed projects have been evaluated for actual performance relative to engineering estimate.

### Projected versus Actual:

	<b>Projected</b>	<u>Actual</u>	<u> Variance</u>				
NPV	\$9.67 MM	\$9.52 MM	-1.55%				
<b>Standard Deviation</b>		44%					

#### **♦** Conclusion:

Net present value close to projected.

#### ♦ Issues:

- 1) Wide distribution of energy efficiency outcomes.
- 2) Need for pre-measurement. The NPV results above evaluate project performance post-completion, but without pre-measurement, actual energy savings are not validated.

#### **♦** Next Steps:

- 1) Pre-measurement process begun.
- 2) Additional project performance data.



### 34 Projects - Project Evaluation

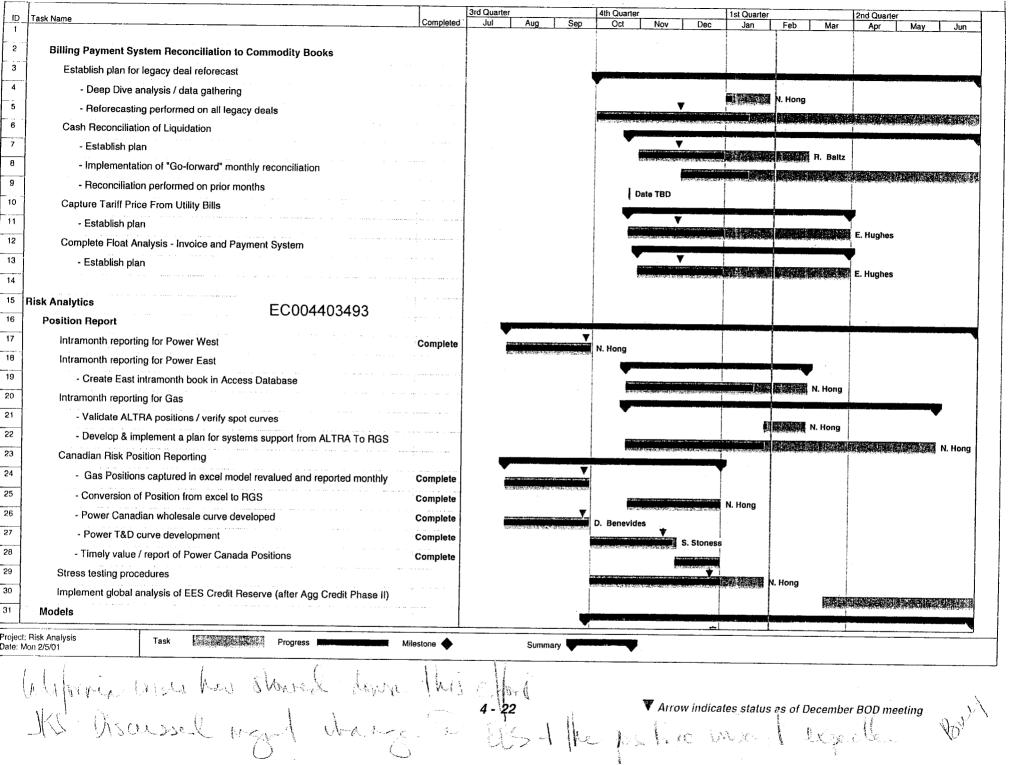
#### % NPV difference from forecast

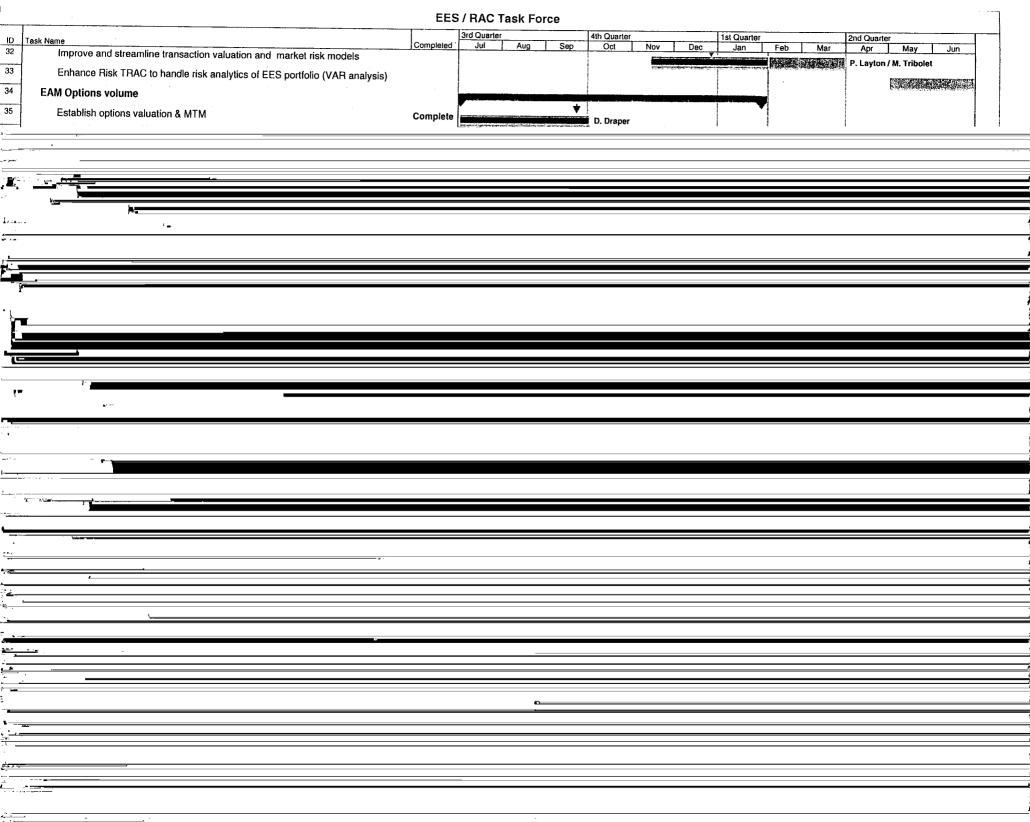


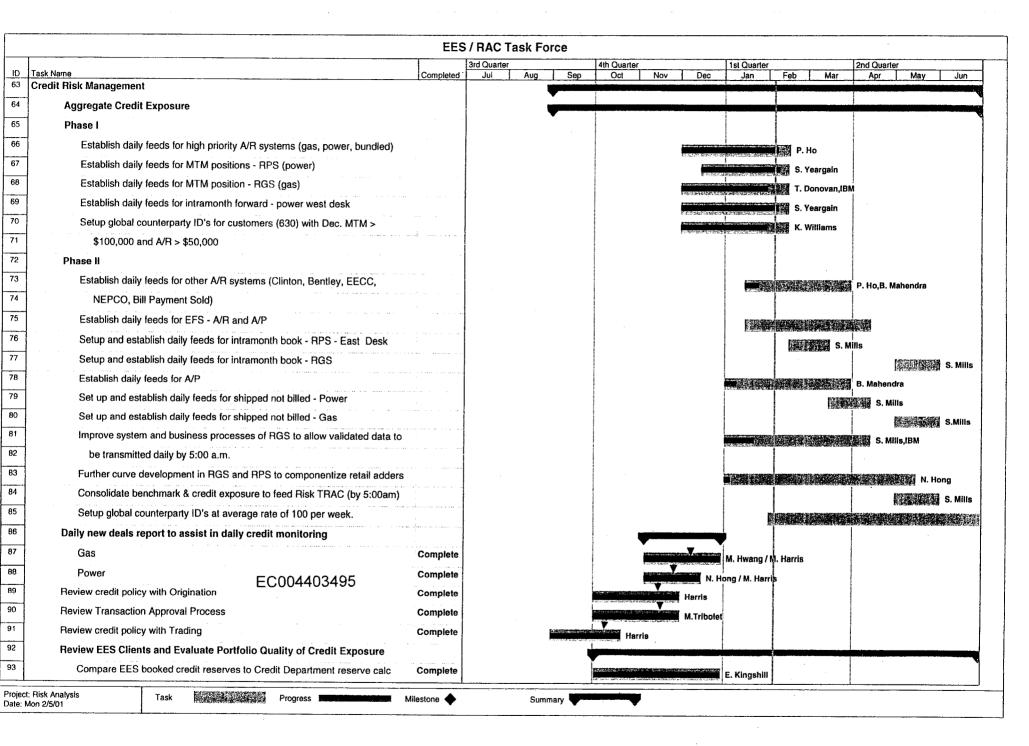
#### **Explanations for savings deviations**

- ◆ Assumption of baseline energy use was incorrect
- ◆ New equipment has higher or lower efficiency than projected
- **♦** Energy savings modeling inaccuracies

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				3rd Quarter		4th Quarter			1st Quarter			2nd Quarter		
	Task Name	Completed	Jul	Aug	Sep	Oct	No	v Dec	Jan	Feb	Mar	Apr	May	Jun
_	Review & implement process for booking credit reserves							7			E.	Kingshill		
	Review EES cp's, assign E ratings, evaluate portfolio quality of credit exp							V						
	Review EFS cp's, assign E ratings, evaluate portfolio quality of credit exp							The same distances		REAL WAY OF THE PROPERTY OF THE PERSON				
,	Review Enron Direct cp's, assign E ratings, evaluate portfolio quality of credit	€												COMMUNICATIVA TANDA
3	Review Clinton cp's, assign E ratings, evaluate portfolio quality of credit exp									1		<u> </u>		
,	Review EES Accounts Receivable								İ				<b>可性物的</b> APE	
7	Identify EES AR systems (listing)	Complete								THE T	вр			_
П	Establish consolidation timetable									I I				
?	Preparation of AR aging without listing		1							I			TBD	
3	Preparation of AR aging with listing of obligors					-				FAX			TBD	
П	Negative balance reporting		1										TOTAL STREET	
5	Begin payment rate reporting		1									N	AT DESTRUCTION OF THE PARTY.	TBD
3	Deal Capture Controls												8	Т
1	Hire Deal Capture group lead	Complete					englaszó nimer i ala	the state of the s				7		
7	Establish centralized deal capture / confirm group					Ve.	A AND THE	12.56 Per 15 Property 14.256	li l	V	anska ankara	W. Prihoda		

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## **Market Risk Update**

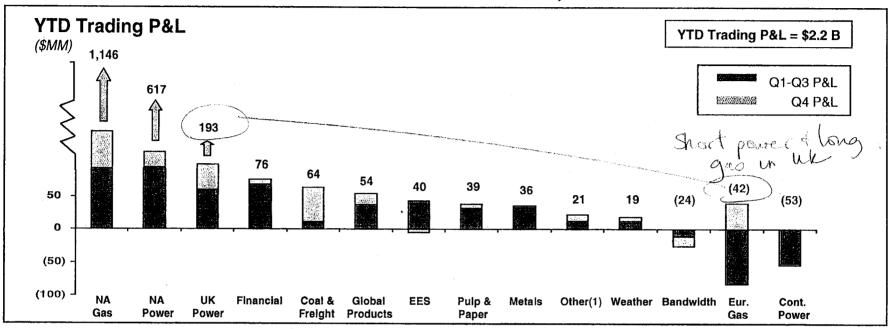


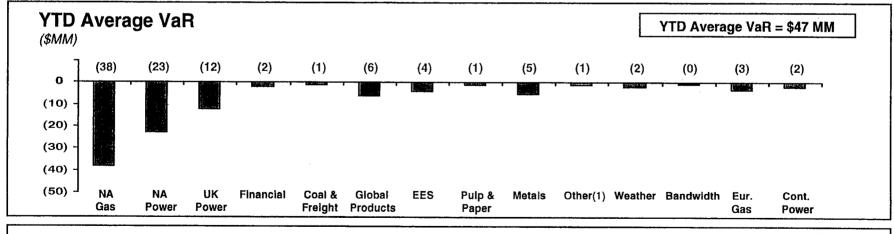
### **Finance Committee**

### **Table of Contents**

- □ Risk Profile by Product
- □ Risk Profile by Primary Commodity and Business Unit
- Backtesting of Enron's Aggregate Value-at-Risk Model
- Stress Testing
- Enron Foreign Exchange Update
- Trading Limit Changes
- Discretionary VaR Allocations
- Policy Changes

### Risk Profile by Product Year Ended December 31, 2000





**Enron** Return on VaR YTD 191% 165% 98% 191% 335% 55% 62% 190% 68% 100% 73% nil nil nil 290%

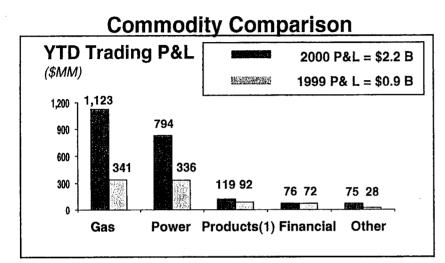
(1) includes all commodities with profit/loss less than \$10 MM

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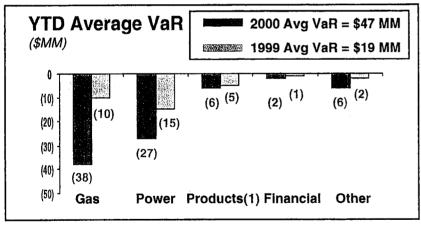
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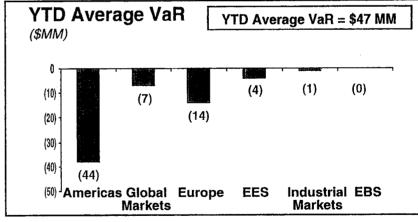
### Risk Profile by Primary Commodity and Business Unit Year Ended December 31, 2000





**Business Unit Comparison** 





69%

62%



(1) includes Coal & Freight and Global Products

EC004403500

189%

nil

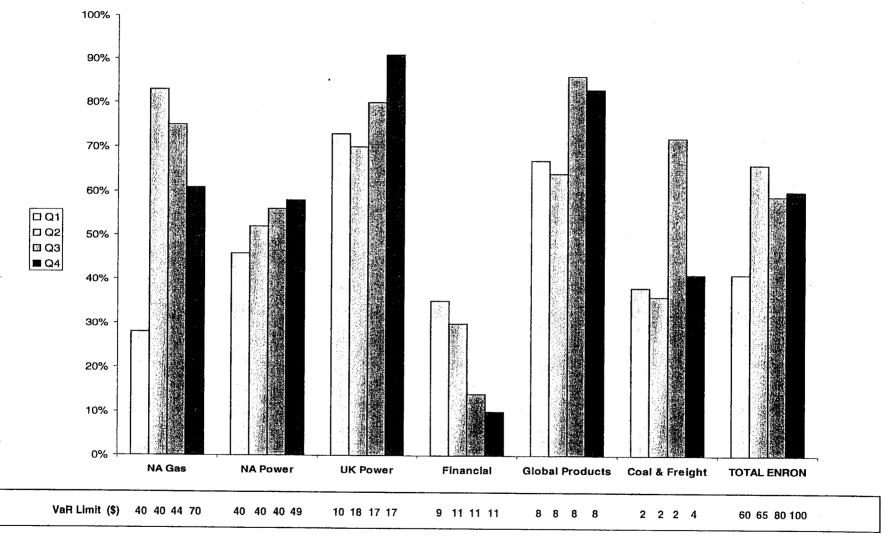
Return on

VaR YTD

249%

192%

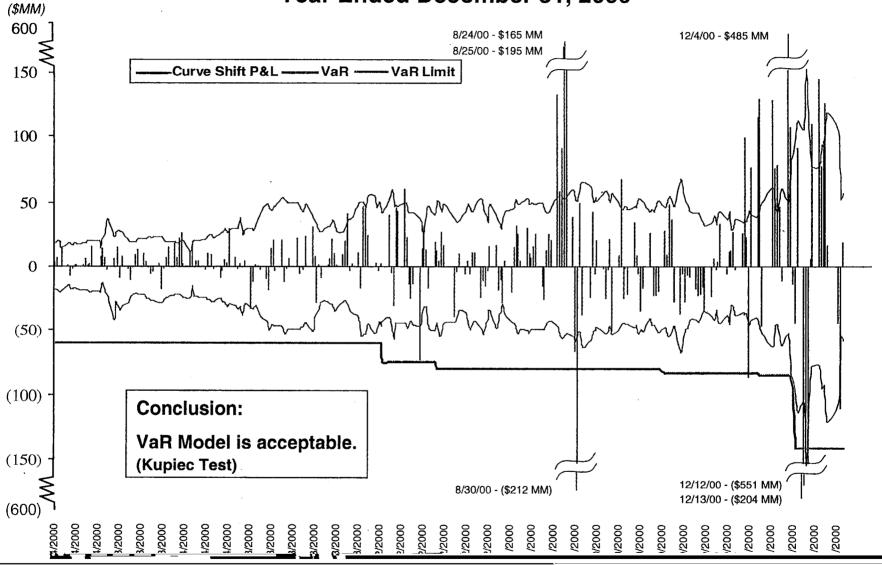
### 2000 Quarterly VaR Limit Utilization



4 - 30



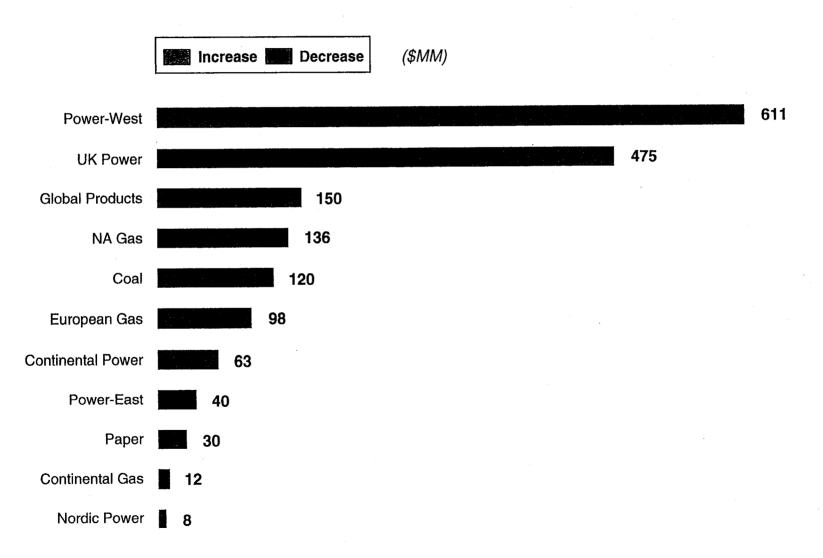
### Backtesting of Enron Corp. Aggregate VaR Year Ended December 31, 2000



	\$ millions
<ul><li>Summer heat-wave in the US</li></ul>	
⇒ Fuel costs embedded in utility tariff rates increase at EES	\$ (187)
das/Power prices "spike"	200
Bankrupt utilities in volatile emerging markets	(735)
⇒ Regulatory ruling in the Western US, providing for rate increases	
to CA utility customers (\$20 / MWh)	Already reduced by
⇒ Fixed tariff contracts change to floating contracts - Enron becomes	part turnback.
2.4 million MWh short due to delay in customer switching	Myready reduced bye part turnback. Will Still have exporus
Regulatory paradigm change in Europe (i.e. new electricity trading)	arrangements) (196)
coupled with existing over - supply of gas in the UK	
⇒ Spread between gas and power widens	
War in the Middle East and OPEC production cuts	(_4)
⇒ Crude oil prices gap upward	/" I C
discussed certain questions that Pughal presim	dy robed
Total Loss	\$ (922)

4 - 32

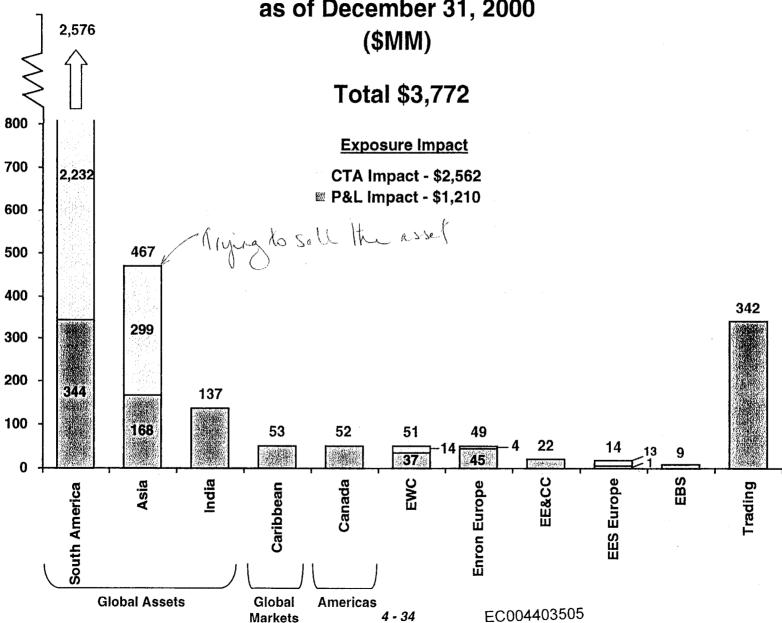
# Stress Testing Potential Loss from a 25% Parallel Price Shift December 31, 2000



Pir

#### **Enron Foreign Exchange**

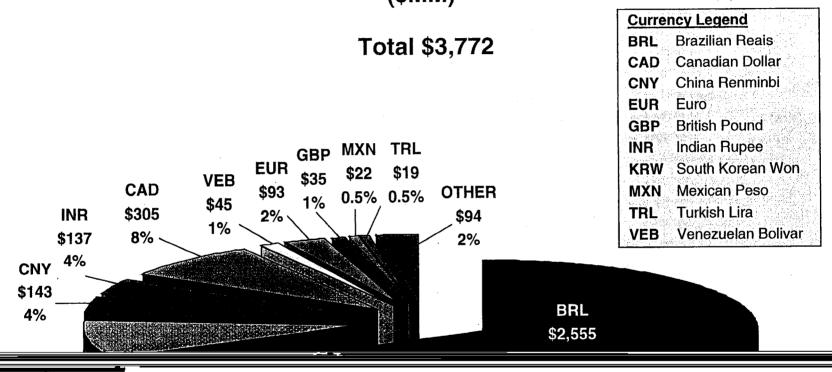
Net Notional Position by Business Unit as of December 31, 2000





## **Enron Merchant & Strategic Assets**

Net Notional Position by Currency as of December 31, 2000 (\$MM)



## **Enron Sensitivity Analysis**

Comparison of South America vs. All Other Business Units Year Ended December 31, 2001

(\$MM) 200 10% Appreciation above Plan 238 Trading Portfolio VaR\* \$3MM 150

#### Foreign Exchange Project Update

The Strategic Risk Management (SRM) group is investigating possible risk mitigation strategies due to changing market conditions in South Korea

#### **Currency**

- The Korean Won (KRW) has depreciated 13% vs. the USD in the last three months.
- Corporate Korea (importers and exporters) is net short USD. Pressure on the Won will persist on the back of short covering.

#### <u>Industrial</u>

- Exports, namely DRAM, are at their slowest pace since May 1999. The growth of electronic shipments has decreased to 15.7% from 30% last year.
- In addition to high crude prices, a 0.4% increase in Consumer Prices in December poses an inflationary risk.

#### **Market**

• Korean Composite Stock Index has shown extreme volatility, after gaining 83% in 1999 it dropped 50% between 01/00 and 10/00.

Pug. New of Simple enlegances. Can we just have a new brusiness critiques.

## **Summary of Trading Limit Changes**

We recommend BOD approval of the following trading limits as amendments to the Risk Management Existing Policy appendices:

hots of dejension.

Recommended Permanent Limit

**Permanent Limit** 

AGGREGATE VaR LIMIT

\$125 MM

\$100 MM

Corporate Discretionary VaR Limit

\$ 25 MM

\$ 25 MM in Oct 2000

**European Natural Gas** 

Net Open Position Limit

200 Bcf \*

60 Bcf

Maturity / Gap Limit

90 Bcf 12-month (no change)

90 Bcf 12-month

VaR Limit

\$10 MM

\$7.5 MM

**Weather Derivatives** 

Net Open Position Limit Maturity / Gap Limit VaR Limit

40,000 EOL Equiv. Contracts

30,000 EOL Equiv. Contracts \*\*

N/A \$4.5 MM

\$3 MM

N/A

Coal and Freight

Net Open Position Limit

30 MM MT .

15 MM MT

Maturity / Gap Limit

30 MM MT 12-month

15 MM MT 12-month

VaR Limit

\$7 MM \*\*\*

\$4 MM \*\*\*

**Global Products** 

Net Open Position Limit

FC004403509

18 MM Bbl

12.5 MM Bbl

Maturity / Gap Limit

19 MM Bbl 12-month

15 MM Bbl

VaR Limit

\$15 MM \*\*\*\*

\$8 MM

Doussierbertis Pry 1 - 1Ks regarding the 4-38/early or manager respectly in regards

<sup>\*</sup> Temporary limit of 260 Bcf expired year end 2000; permanent limit requested above will be decreased when markets allow optimum management of the large position resulting from a BOD approved transaction

<sup>\*\* \$100</sup> MM notional value

<sup>\*\*\*</sup> Freight limited to \$2MM VaR (No Change)

## **Summary of Trading Limit Changes**

#### **Recommended Changes to Policy Limits (continued):**

	Recommended Permanent Limit	Existing <u>Permanent Limit</u>
<u>LNG</u>		
Net Open Position Limit	9 Bcf	None
Maturity / Gap Limit	12 Bcf 12-month	None
VaR Limit	\$5 MM	None
Equity Trading		
Net Open Position Limit	\$200 MM	\$100 MM
Maturity / Gap Limit	N/A	N/A
VaR Limit	\$10 MM	\$6 MM
Convertible Arbitrage		
Net Open Position Limit	\$150 MM	****
Maturity / Gap Limit	N/A	****
VaR Limit	\$2 MM	****

<sup>\*\*\*\*\*</sup> This product was included in the Debt trading commodity group that was transferred to Enron Europe and combined with Credit trading in December 2000; new limits requested to establish separate commodity group in Global Markets in 2001

#### **Financial Instruments**

Foreign Currency:

Net Open Position Limit	\$150 MM	\$100 MM
Maturity / Gap Limit	N/A	N/A
Interest Rate:		
Net Open Position Limit	\$250,000/bp	\$100,000/bp
Maturity / Gap Limit	N/A	\$_50.000/bp (<= 2 vrs)

VaR Limit

\$5 MM (Combined)

\$3 MM (Combined)

## **Summary of Trading Limit Changes**

#### **Recommended Changes to Policy Limits (continued):**

	Recommended Permanent Limit	Existing <u>Interim Limit</u>
Soft Commodities		
Net Open Position Limit Maturity / Gap Limit VaR Limit	4,000 Contracts N/A \$2 MM	2,000 Contracts 2,000 Contracts \$0.75 MM
<u>Grains</u>		
Net Open Position Limit	750 Contracts	1,000 Contracts
Maturity / Gap Limit	N/A	1,000 Contracts
VaR Limit	\$0.5 MM	\$0.5 MM
Meats (formerly called Livestock)		
Net Open Position Limit	750 Contracts	1,000 Contracts
Maturity / Gap Limit	N/A	1,000 Contracts
VaR Limit	\$0.5 MM	\$0.75 MM
Advertising Swaps		
Benchmark	New York A1849 PR CPP	Houston CPP
Net Open Position Limit	54 CPP	782 CPP
Maturity / Gap Limit	108 CPP	782 CPP
VaR Limit	\$2 MM	\$1 MM
NA Portfolio Management		
Net Open Position Limit	N/A	N/A
Maturity / Gap Limit	N/A	N/A
VaR Limit	Terminated	\$5 MM

## **Discretionary VaR Allocations**

#### Year Ended December 31, 2000

Date	Commodity	Discretionary VaR
12/28/00 -1/4/01	NA Natural Gas	\$10 MM
12/7/00 - 12/27/00	NA Natural Gas	\$50 MM
7/12/00 - 10/5/00	NA Natural Gas	\$ 5 MM
6/26/00 - 12/12/00	NA Cross-Commodity	\$ 5 MM
12/7/00 - 1/4/01	UK Power	\$ 5 MM
11/22/00 - 1/5/01	NA EES	\$ 2 MM
6/15/00 - 10/6/00	NA EES	\$ 5 MM
10/31/00 - 12/12/00	Pulp & Paper	\$ 2 MM
10/31/00 - 12/12/00	Steel	\$ 1 MM

## **Summary of Policy Changes**

#### We recommend BOD approval of the following amendments to the Risk Management Policy:

- Provide for notification of limit violations and loss notifications to the President and CEO at the discretion of the Chief Risk Officer, rather than the existing structured reporting.
  - Maintain commodity level automatic loss notification and limit violation requirements to Business Unit Office of the Chairman:
    - Daily Loss > 100% VaR Limit; Cumulative 5-day Loss > 125% VaR Limit
    - Net Open Position, Maturity/Gap, VaR > 105% VaR Limit
  - Maintain Aggregate Daily Loss and Aggregate VaR Limit notifications to President, CEO, Chairman of the Board, and Chairman of Finance Committee:
    - Daily Loss > 100% Aggregate VaR Limit
    - Aggregate VaR > 115% of Aggregate VaR Limit
- ◆ Delegate to the Chief Risk Officer the authority for Discretionary VaR allocation to facilitate a new market driven allocation framework, rather than requiring both the Chief Risk Officer and the President to approve.
  - Refine the calculation of Discretionary VaR available for allocation to consider portfolio diversification effect, VaR utilization, and other significant factors as determined by the Chief Risk Officer.

## Recommended BOD approval of the following amendments to the Risk Management Policy (cont.):

- Clarify the cross-commodity trading policy to specify that trading limits are to be applied against Enron's consolidated commodity positions on an individual commodity group basis; Enron's consolidated Daily Position Report should provide required market risk disclosures by primary commodity group; for example, Enron's exposure to the North American Natural Gas market shall be aggregated across the company.
  - Delegate cross-commodity trading approval among established commodity groups to the respective Business
    Units Offices of the Chairman, with appropriate reporting to the Enron Corp. Chief Risk Officer.
- Specify the operational control requirement that all trades executed over the telephone must be recorded electronically.

Agenda Item 5

## **Enron Corp**

# Projects and Amendments February 12, 2001



Agenda Item 5a

#### Interoffice Memorandum



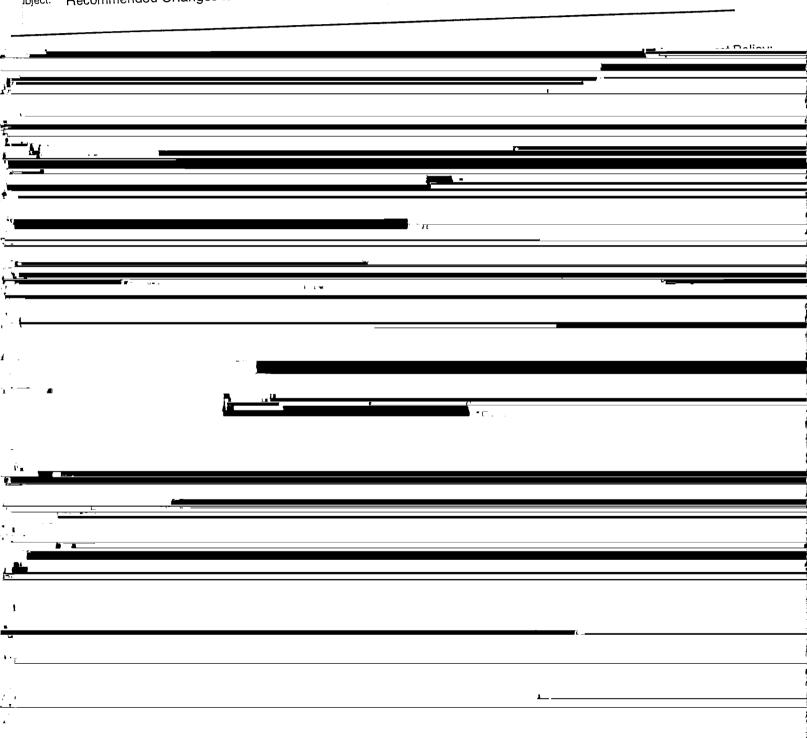
To: The Finance Committee of the Board of Directors

From: Jeff Skilling and Rick Buy

ubject: Recommended Changes to the Risk Management Policy

Department: Risk Assessment and Control

Date: February 12, 2001



Existing

	Proposed Permanent Limits	Existing <u>Limits</u>
Equity Trading Net Open Position Limit Maturity / Gap Limit VaR Limit	\$200 MM N/A \$10 MM	\$100 MM N/A \$6 MM
Convertible Arbitrage Net Open Position Limit Maturity / Gap Limit VaR Limit	\$150 MM N/A \$2 MM	**** **** ****

<sup>\*\*\*\*\*</sup> This product was included in the Debt trading commodity group that was transferred to Enron Europe and combined with Credit trading in December 2000; new limits requested to establish separate commodity group in Global Markets in 2001

#### **Financial Instruments**

Foreign Currency:

Foreign Currency:		
Net Open Position Limit Maturity / Gap Limit	\$150 MM N/A	\$100 MM N/A
Interest Rate:		
Net Open Position Limit Maturity / Gap Limit	\$250,000/bp N/A	\$100,000/bp \$ 50,000/bp(<=2 yrs)
VaR Limit	\$5 MM (Combined)	\$3 MM (Combined)
Soft Commodities Net Open Position Limit Maturity / Gap Limit VaR Limit	4,000 Contracts N/A \$2 MM	2,000 Contracts 2,000 Contracts \$0.75 MM
Grains Net Open Position Limit Maturity / Gap Limit VaR Limit	750 Contracts N/A \$0.5 MM	1,000 Contracts 1,000 Contracts \$0.5 MM
Meats (formerly called Livestock) Net Open Position Limit Maturity / Gap Limit VaR Limit	750 Contracts N/A \$0.5 MM	1,000 Contracts 1,000 Contracts \$0.75 MM
Advertising Swaps Benchmark Net Open Position Limit Maturity / Gap Limit VaR Limit	New York A1849 PR CPP 54 CPP 108 CPP \$2 MM	Houston CPP 782 CPP 782 CPP \$1 MM
NA Portfolio Management		N1/A

Net Open Position Limit Maturity / Gap Limit VaR Limit N/A N/A Terminated N/A N/A \$5 MM

- II. We are recommending BOD approval of the following amendments to the Risk Management Policy:
- Provide for notification of limit violations and loss notifications to the President and CEO at the discretion of the Chief Risk Officer, rather than the existing structured reporting.
  - Maintain commodity level automatic loss notification and limit violation requirements to Business Unit Office of the Chairman:
    - Daily Loss > 100% VaR Limit; Cumulative 5-day Loss > 125% VaR Limit
    - Net Open Position, Maturity/Gap, VaR > 105% VaR Limit;
  - Maintain Aggregate Daily Loss and Aggregate VaR Limit notifications to President, CEO, Chairman of the Board, and Chairman of Finance Committee:
    - Daily Loss > 100% Aggregate VaR Limit
    - Aggregate VaR > 115% of Aggregate VaR Limit
- Delegate to the Chief Risk Officer the authority for Discretionary VaR allocation to facilitate a new market driven allocation framework, rather than requiring both the Chief Risk Officer and the President to approve.
  - Refine the calculation of Discretionary VaR available for allocation to consider portfolio diversification effect, VaR utilization, and other significant factors as determined by the Chief Risk Officer.
- Clarify the cross-commodity trading policy to specify that trading limits are to be applied against Enron's consolidated commodity positions on an individual commodity group basis; Enron's consolidated Daily Position Report should provide required market risk disclosures by primary commodity group; (for example, Enron's exposure to the North American Natural Gas market shall be aggregated across the company).
  - Delegate cross-commodity trading approval among established commodity groups to the respective Business Units Offices of the Chairman, with appropriate reporting to the Enron Corp. Chief Risk Officer.
- Specify the operational control requirement that all trades executed over the telephone must be recorded electronically.

#### P-4

### ENRON CORP. RISK MANAGEMENT POLICY

Approved by Enron Corp. Board of Directors

Approved: October 1, 1996 Amended: February 7, 2000 Amended: February 13, 2001

Amended: December 8, 1998 Amended: May 2, 2000
Amended: May 3, 1999 Amended: August 8, 2000
Amended: August 10, 1999 Amended: October 7, 2000
Amended: October 20, 1999 Amended: December 12, 2000

Amended: December 14, 1999

#### I. General Authorization

Enron Corp. is authorized to execute Transactions and manage these Transactions within certain authorized Portfolios in support of its businesses.

All Transactions covered by this policy must be conducted in compliance with all Enron Corp. policies, as each may be amended, supplemented or restated from time to time (collectively the "Enron Corp. Policies").

#### II. Portfolios

Designated Enron Business Units are authorized to enter into Transactions which create Positions for Enron Corp. and its affiliates, other Enron Business Units or their respective customers within the authorized Commodity Groups and limits, specified in the Appendices. These Positions are managed in the following Portfolios:

- A. **Trading Portfolio** designed to capture and manage risks related to physical delivery of energy and other commodities, to provide related risk management services, to take advantage of market arbitrage opportunities and to manage positions within the approved limits. This portfolio includes commodity transactions, financial instruments and securities transactions.
- B. Merchant Portfolio designed to capture and manage merchant investments in public and private companies, including the active management of embedded exposures and to provide greater liquidity for Enron's merchant investment activities, consistent with Enron Corp.'s core competencies within the approved limits. This portfolio includes equity, "equity-like," debt and "debt-like" investments in the public and private sector.
- C. Capital Portfolio designed to accommodate positions and transactions in Enron's own stock or derivatives thereof which may occur from time to time in the execution of approved structural transactions (for example, stock buy-backs, hedging of stock option programs, etc.).

#### III. Position and Loss Notification Requirements

Generally, Enron Business Units' business activities are subject to a combination of limits. These limits include, but are not limited to: Net Open Position, Maturity/Gap Risk, Potential Exposure (VaR), Regulated Exchange Limits, and Loss Notifications, as appropriate for the type of business activity under consideration.

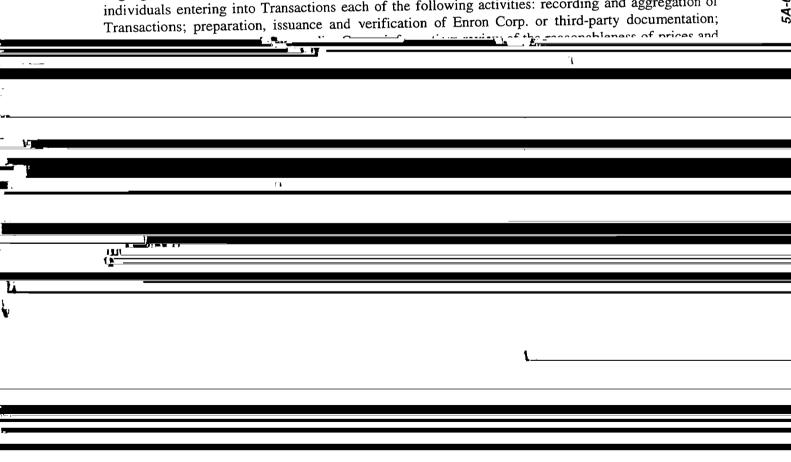
C. Loss Notifications. The Enron Corp. Chief Risk Officer shall ensure the prompt communication to the Enron Business Unit Office of the Chairman, if a Daily Loss in any Commodity Group or Portfolio is in excess of the corresponding VaR limit. The Enron Corp. Chief Risk Officer shall ensure the prompt communication to the Enron Corp. President, Chief Executive Officer, Chairman of the Board, and the Chairman of the Finance Committee of Enron Corp., if the aggregate Daily Loss is in excess of the Aggregate VaR Limit.

The Enron Corp. Chief Risk Officer shall ensure the prompt communication to the Enron Business Unit Office of the Chairman, if a Cumulative 5-day Loss in any Commodity Group or Portfolio is in excess of 125% of the corresponding VaR Limit.

D. Reporting to the President, Chief Executive Officer, Chairman of the Board, Audit and Finance Committees of the Board of Directors. Aggregate loss notifications and limit violations shall be communicated to the President, Chief Executive Officer, Chairman of the Board of Directors, and Chairman of the Finance Committee by the Chief Risk Officer of Enron Corp., as specified in Section IV. of this policy, and as otherwise determined by the Chief Risk Officer. Aggregate and other limit violations along with a summary of Enron's market risks will be reported to the Audit Committee of the Board of Directors by the Chief Risk Officer of Enron Corp. at all regularly scheduled Audit Committee meetings.

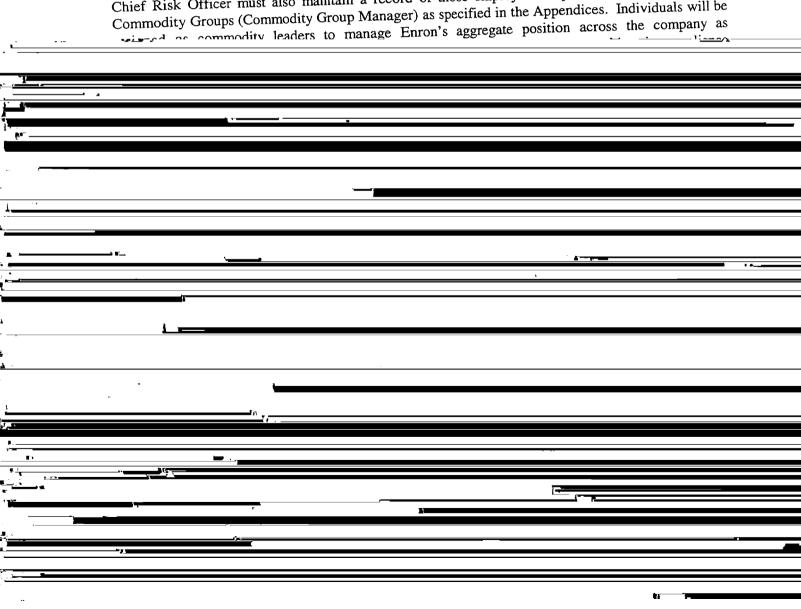
#### **Operations and Controls** V.

A. Segregation of Duties. Enron Business Units shall keep segregated from the business groups or individuals entering into Transactions each of the following activities: recording and aggregation of



The President of Enron Corp. or Enron Corp. Chief Risk Officer shall designate individuals who are authorized to approve the Daily Position Report on behalf of Enron Corp. After approval, a consolidated Daily Position Report shall be distributed to the Chief Executive Officer, the President, the Chief Accounting Officer, the Chief Risk Officer of Enron Corp. and others as designated by the President or the Chief Risk Officer of Enron Corp.

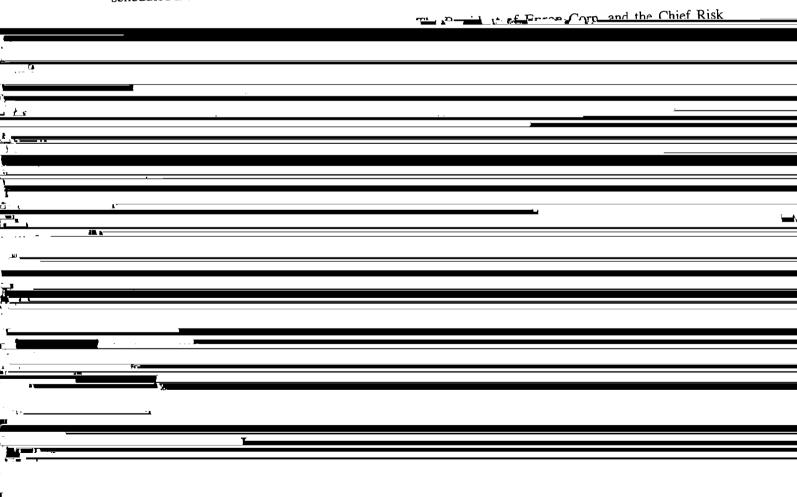
- C. Stress and Scenario Testing. On a monthly basis, or as markets dictate, designated Enron Business Units shall formulate and examine the effects of extreme changes in the market parameters relevant to exposures and positions. Results of these tests should be made available to the Enron Corp. Chief Risk Officer, or his designee(s).
- D. Valuation. On a monthly basis, or as markets dictate, designated Enron Business Units shall provide evidence of verification of all market parameters used in the calculation of risk metrics and profits and losses. This should be made available to the Enron Corp. Chief Risk Officer, or his designee(s).
- E. Transaction Approval and Execution. Only those employees designated by the Enron Corp. Chief Risk Officer or his designee(s) will be authorized to enter into Transactions on behalf of Enron. The Chief Risk Officer must also maintain a record of those employees responsible for the individual Commodity Groups (Commodity Group Manager) as specified in the Appendices. Individuals will be commodity leaders to manage Enron's aggregate position across the company as



the appropriate Enron desk(s), with appropriate notification to the Chief Risk Officer or his designee(s). Hedge positions should be in instruments that have an observable correlation with the underlying exposure, and should be rebalanced regularly to substantially neutralize the underlying exposure.

Upon notification to the Chief Risk Officer or his designee(s), the Enron Business Unit Office of the Chairman who has authority for that commodity group may authorize a specific trader in a different commodity group to take speculative positions with other Enron trading desks in commodities and/or financial instruments other than those which that trader has explicit authority to trade (i.e. the Business Unit Office of the Chairman for North American Natural Gas may authorize a trader in the Coal group to trade gas with the North American Natural Gas desk). For limit monitoring purposes of Enron's consolidated trading results, these cross-commodity positions shall be captured by individual commodity to facilitate aggregation and reporting of Enron's consolidated exposure by commodity in the Daily Position Report (Coal desk's gas position will be aggregated with the North American Natural Gas commodity group.)

C. Position Measurement Parameters. Any changes to parameters used in the aggregation and measurement of Positions must be approved by the Enron Corp. Chief Risk Officer or his designee(s). This includes, but is not limited to, the Benchmark Positions, VaR parameters, Maturity/Gap Risk periods, conversion ratios, volatility factors and correlation factors. Any material change as determined by the Chief Risk Officer will be communicated to Enron's Board at the next regularly scheduled Board of Directors' meeting.



- F. Temporary Limits. The Board of Directors of Enron Corp. may from time to time approve temporary limits to encompass certain specific approved positions. These temporary limits adjust the limit violation and loss notification requirements at the commodity group level until the granted limits expire, but they do not change the Aggregate VaR Limit unless the Aggregate VaR Limit is specifically adjusted.
- G. Limit Changes and Other Policy Amendments. Any modification of limits or other amendments, supplements or updates to this Policy, unless otherwise covered by this Section VI, must be either approved by (i) the Enron Corp. Board of Directors, or (ii) the Enron Corp. President and Chief Risk Officer and ratified by the Enron Corp. Board of Directors at the next regularly scheduled Board of Directors' meeting.

#### VII. Miscellaneous

Employee Trading. No employee of any Enron Business Unit may engage in the trading of any Position for the benefit of any party other than an Enron Business Unit (whether for their own account or for the account of any third party) where such Position relates to (i) any financial instrument, security, financial asset or liability which falls within such employee's responsibility at an Enron Business Unit, or (ii) any other commodity not covered by (i) included in any Commodity Group.

Employee Review of Policies. As determined by the Chief Risk Officer or his designee(s), an employee of any Enron Business Unit participating in any activity or transaction within the coverage



"Commodity Group" shall mean a collection of Positions having sufficient relationship and correlation (as approved by the Enron Corp. President and Enron Corp. Chief Risk Officer) that allow for aggregation into a Benchmark Position.

"Cross-Commodity Position" shall mean a Position within a certain Commodity Group that is not explicitly authorized as part of that Commodity Group. (i.e. Coal trading desk might hold a North American Natural Gas position as a hedge, or as a speculative position). The suitability and approval of Cross-Commodity Positions shall be reviewed and approved by the Business Unit Office of the Chairman over the approved commodity group. Aggregation of risk components and profit or loss for all commodity groups will be reported on a consolidated basis in the Enron Daily Position Report.

"Cumulative 5-day Loss" shall mean a sum of Daily Losses for the last consecutive five days. Upon occurrence of a Cumulative Loss Limit violation, Cumulative Loss calculation is reset and begins with the Daily Loss following the day on which the violation took place.

"Daily Loss" shall mean the loss in value of any Commodity Group on a daily basis, exclusive of non-trading type of originations and prudence. The Daily Loss will be calculated using the mark-to-market method on a net present value basis.

"Daily Position Report" shall mean a hard or soft copy report including, but not limited to the following, for each major commodity and price curve traded: Commodity Group Net Open Position, Maturity/Gap Position, profit or loss, potential exposure (VaR), and for all positions regardless of financial accounting treatment:

1. The amounts by which the mark-to-market value of the portfolio can change for small (or unit) changes in all "market parameters", as a term structure (i.e. by time "bucket") and on a net aggregate basis.

2. For portfolios with option or non-linear risks, the concentration of sensitivities (delta, gamma, vega) according to expiry date and strike price ("strike concentration").

3. The VaR for the portfolios, according to Enron's approved methodology.

The Daily Position Report shall also report the aggregated risk components (positions, VaR, and profit or loss) for approved Commodity Groups on a consolidated basis, without regard to which Enron Business Unit transacted, as discussed in Section VI.B. of this policy.

"Discretionary VaR" shall mean the VaR capital specified in Appendix I approved by the Enron Board of Directors that may be periodically allocated by the Enron Corp. Chief Risk Officer to permanent Commodity Groups listed in Appendix I as provided in Section VI. E. of this policy.

"Enron Business Unit(s)" shall mean Enron Corp. and any entity controlled, directly or indirectly, by Enron Corp., (including internal groups created for the purposes of trading, or aligned according to the commodities set out in the Appendices), or any entity directly or indirectly under common control of Enron Corp. For this purpose, the criteria for establishing "control" of any entity include but are not limited to, ownership of more than fifty percent (50%) of the voting power of such entity.

"Market Parameters" shall mean market spot and forward prices/curves, market spot and forward volatility, correlation (where appropriate), market interest rates, spot foreign exchange rates (where appropriate).

1.00

"Maturity/Gap Risk" shall mean the risks related to non-parallel changes of forward prices or interest rates. For purposes of this Policy, the Maturity/Gap Risk related to commodity Positions with forward prices shall be measured using a rolling total of the net open position per period, which may be modified based on the market structure of the underlying Position and pending authorization of the Chief Risk Officer of Enron Corp.

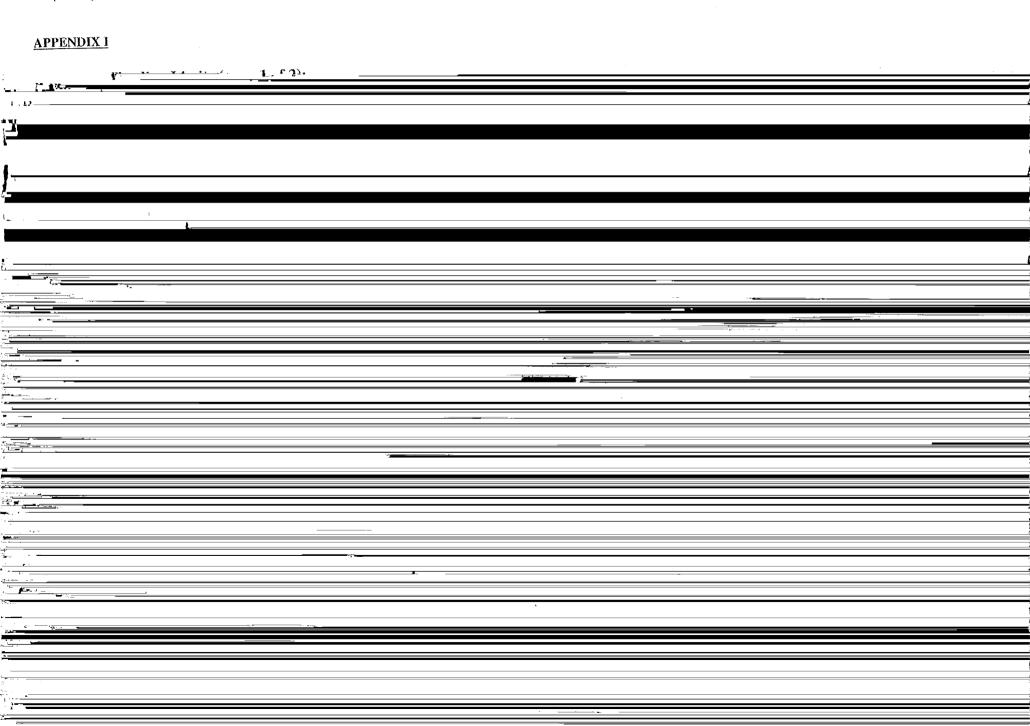
"Net Open Position" shall mean the aggregate of the open Positions in a Commodity Group on a Benchmark Position equivalent basis.

"Position" shall mean, collectively, the risk components (including, but not limited to, price risk, basis risk, index risk, credit risk and liquidity risk) of all products (commodities, financial instruments, securities, equities, financial assets or liabilities) which have been authorized for trading in the Enron Corp. Risk Management Policy, any of the Enron Corp. Policies or approved for trading through any amendments to this Policy.

"Transactions" shall mean, collectively, forwards, futures, swaps, options, or any combination of these instruments and any other derivative or cash market instruments creating a Position.

"Value-at-Risk" (VaR) shall mean the Potential Exposure related to a Commodity Group or Position representing the potential change in value resulting from changes including: market prices, interest rates, currency rates, counterparty credit condition, liquidity, funding and settlement risk, among others. VaR shall be calculated using the Enron Corp. adopted VaR methodology at the 95% confidence interval using a 1-day time horizon. Any recalibration or modification of the VaR methodology or parameters that take into account observed or anticipated changes in market factors or developments in VaR technologies must be approved by the Enron Corp. Chief Risk Officer or his designee(s).

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## ENRON CORP. RISK MANAGEMENT POLICY

Proprietary and Confidential

#### APPENDIX 1

#### Permanent Trading Limits (page 2 of 2):

	Maturity / Gap Risk Limit	Net Open Position Limit	Benchmark Position	Commodity Group
5 MM		Selection of the select		
-	N/A	\$250,000 / bp	USD Notional Equivalent @	Financial Instruments Interest Rate
	N/A	\$150 MM		
10 MM	N/A	\$200 MM	Market Value in USD	Foreign Currency
1			AA Libor USD Spot Rate Notional Equivalents Market Value in HSD	Foreign Currency



#### ENRON CORP. RISK MANAGEMENT POLICY

Proprietary and Confidential

#### APPENDIX II

Commodity Group Benchmark Position   Net Open Position Limit   Maturity / Gap Risk Limit   VaR Limit   Esitifation Limit      Position   Maturity / Gap Risk Limit   Var Limit   Esitifation Limit		INTERIM POLICY TRADING LIMITS:
	<u></u>	Commodity Group Benchmark Position Net Open Position Limit Maturity / Gap Risk Limit VaR Limit Expiration Elimit
	 5	
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	7	

Agenda Item 5b

## **Transaction Approval Process**



# Proposed Transaction Approval Process (TAP) Policy Revisions

### <u>Organizational</u>

 Adjust for the elimination of Global Functions (and for the related elimination of Larry Izzo as EE&CC signatory)

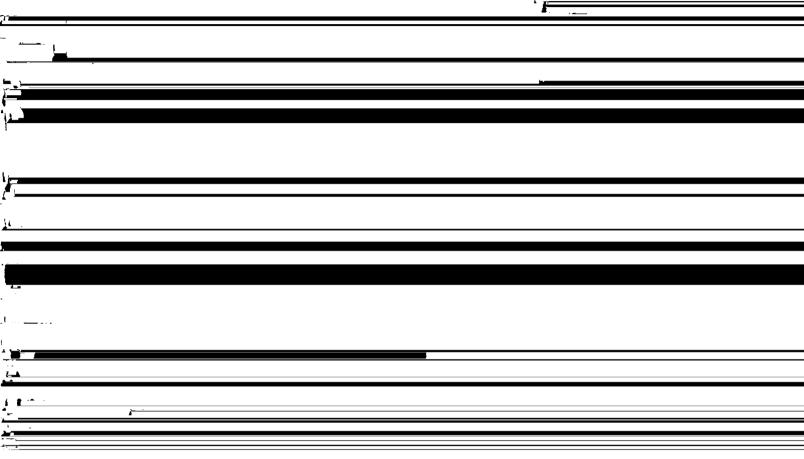
### Risk Adjusted Capital Definition

Add Capital Expenditures to determine aggregate exposure in a transaction

## Agenda Item 5(b) TRANSACTION APPROVAL PROCESS

(Suggested Form of Resolutions)

WHEREAS, the Board of Directors of the Company approved resolutions on October 12, 1998 adopting the Enron Corp. Transaction Approval Process (the "Transaction Approval Process") which provides for (i) a process for review and approval of Capital Expenditures (as defined in the revised policy of tached to those minutes) and Civil and Capital Expenditures (as



involving Capital Expenditures to be reviewed for performance and results; and

WHEREAS, the Board of Directors of the Company approved amendments to the Transaction Approval Process at meetings held on February 8, 1999, August 10, 1999, February 7<sup>th</sup> and 8<sup>th</sup>, 2000 May 2, 2000, October 7, 2000 and December 12, 2000; and

WHEREAS, it would be in the best interest of the Company to further amend the Transaction Approval Process in order to reflect the following changes: (1) amend the definitional provisions of the Transaction Approval Process to reflect changes in assignments and organizational structure of Enron Corp. and changes to the definition of Risk Adjusted Capital; and (2) amend the Transaction Approval Process by classifying all transactions seeking approval into conforming and non-conforming transactions and removing the classifications of global functions and region/business;

NOW THEREFORE BE IT RESOLVED, that the Company revise the Transaction Approval Process to that attached to these minutes and as set forth in these resolutions;

RESOLVED FURTHER, that the revised Transaction Approval Process is adopted and approved, that a copy of the revised policy be attached to the minutes as Exhibit A, and that the

RESOLVED FURTHER, that the Chairman of the Board and Chief Executive Officer, the President and Chief Operating Officer, the Vice Chairman, the Executive Vice President and Chief Risk Officer, the Executive Vice President and Chief Financial Officer, the Vice President, Finance and Treasurer, any Vice President of the Company, or any other person authorized by the Board to act on behalf of the Company be, and each of them hereby is, authorized and empowered to negotiate, enter into, execute, and deliver on behalf of the Company any agreements and documentation in connection with any transaction involving Capital Expenditures which has been approved in accordance with the revised Transaction Approval Process and as the officers executing such agreements shall approve, such approval to be conclusively evidenced by such execution; and

RESOLVED FURTHER, that all actions heretofore taken by the Chairman of the Board and Chief Executive Officer, the President and Chief Operating Officer, the Vice Chairman, the Executive Vice President and Chief Risk Officer, the Executive Vice President and Chief Financial Officer, the Vice President, Finance and Treasurer or any Vice President, in the name and on behalf of the Company, related to or in connection with transactions of the type contemplated by the new review process attached to these minutes but which originated prior to these resolutions, including, without limitation, the execution and delivery of any instruments or other documents as any such officer shall have deemed necessary, proper, or advisable, are hereby adopted, ratified, confirmed, and approved in all respects.

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Agenda Item 5c

## Eli Lilly Bundled Energy Outsource

**Enron Corp. Board of Directors** 

## Eli Lilly Bundled Energy Outsourcing Relationship

**Transaction Capital Request** 

- Enron Board of Directors approved original transaction in December of 2000
- Request adjustments to deal structure for:

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Decrease in Energy Asset Project Capital of \$3.4 MM

Add LLC capital and mobilization costs of \$8.7 MM

Add Lease component for \$99.5 MM to finance Capital Replacement Expenditures

## <u>Fli I illy Rundled Energy Outsourcing Relationship</u>

#### **Capital Request:**

	Approved at December Board  Meeting	Current Proposal	<u>Total</u>
<u>Total</u>			ф од д ВАВА
 Energy Asset Project Capital 1	\$ 24.5 MM	- \$ 3.4 MM	\$ 21.1 MM
 LLC Class C Shares (Monetization of Eli Lily Savings) <sup>2</sup>	\$50.0 MM	-	\$ 50.0 MM
 LLC Class A Shares <sup>3</sup>	-	+ \$ 8.7 MM	\$ 8.7 MM
 Capital Replacement Expenditures 4	<u>\$ </u>	+ <u>\$ 99.5 MM</u>	\$ 99.5 MM
Total Capital Exposure	\$ 74.5 MM	+\$104.8 MM	\$179.3 MM

- NOTES:
- 1 Current Energy Asset Project capital amounts decreased due to changes in relevant power/gas price curves.
- 2 Un-front payment to Lilly represents a portion of their share of savings; Repayment obligation by Lilly, a AA credit, of \$50 MM if

## ENRON RISK ASSESSMENT AND CONTROL DEAL APPROVAL SHEET

DEAL NAME: Eli Lilly

Counterparty: Eli Lilly and Company

Business Unit: EES

Business Unit Originator: Michael Mann / Richard Zdunkewicz / Capital Funding Source(s): Balance Sheet

Jeff Forbis

**⊠**Public

□Private

⊠Merchant **⊠**Conforming **□**Strategic

□ Nonconforming

Date DASH Completed: 2/6/01

RAC Analyst/Underwriter: Michael Tribolet Investment Type: Bundled Outsource

Expected Closing Date: 2/20/01

Expected Funding Date: 2/20/01

Board Approval: ☑Pending ☐Received ☐Denied ☐N/A

### RAC Recommendation: ☑Proceed with Transaction ☐Returns below Capital Price ☐Do not Proceed APPROVAL REQUESTED

Eli Lilly Monetization	\$	50.0	MM
Equity in LCC	\$	8.7	MM
Capital Replacement Projects	\$	99.5	MM
Energy Asset Project Capital	<u>\$</u>	21.1	MM
Total	\$	179.3	MM

#### **EXPOSURE SUMMARY**

This transaction	\$ 179.3 MM
Existing commodity exposure	\$ 15.5 MM
Total exposure	\$ 194.8 MM

#### PHASE II DEAL DESCRIPTION

EES closed Phase I, the commodity management and supply portion of this two-phase transaction, in December of 2000. This request covers Phase II, the assets and labor component, which is an additional fifteen-year deal (TCV \$619 million) with Eli Lilly and Company ("LLY"), where EES will provide the following services:

- EAM Services: EES will develop, design, construct, and implement demand side energy management projects
- O&M Services: EES will provide operation, repair, replacement, and maintenance to energy assets and water systems (including purified and potable) and will manage Lilly's coal and fuel oil consumption
- Bill Management Services: EES will administer billing for water, sanitary sewer, chilled water, steam, coal and fuel oil at facilities covered in the transaction
- Lease Financing: EES will provide lease capital for EAM projects and replacement capital projects (\$21.1MM and \$99.5MM, respectively)

The outsource services will be provided by EES through an LLC created by EES and Lilly. (Commodity Management Services are currently being provided directly by EESI.) On a monthly basis, Eli Lilly will make a payment into the LLC comprising total gross consumption savings from projects, savings from Operational Modifications and Service Level Enhancements, lease payments for projects and capital replacement, and an O&M baseline (inflated by the appropriate regional indices). The LLC makes lease payments to EES (as financier) for projects and capital replacement and pays EES (as O&M manager) for actual O&M expenses. Economics sharing percentages are 70/30 Lilly and EES, respectively. Approximately

Deal Name: Lilly - Phase II

EES will provide two separate savings guarantees. First, EES will guarantee that gross consumption savings will be sufficient to cover the \$21.1 million in leases for energy asset projects. Second, EES will guarantee that Lilly, as Class B Member, will never have to fund O&M losses (i.e., actual O&M expenses exceed the baseline payment). In exchange for this second guarantee, EES receives a 5% premium to the negotiated baseline (incremental value to EES of approximately \$5MM). An Enron Corp guaranty will cover EES' obligations to Lilly under the contracts.

#### ELI LILLY OVERVIEW

Established in 1876, the Indianapolis-based company makes Prozac, the world's best-selling antidepressant (and 26% of Lilly's sales), as well as a variety of other pharmaceuticals, hormones, and nutritional products for humans and animals. Lilly also produces 40% of the world's supply of insulin. Other products include Gemzar for pancreatic cancer, Humalog (insulin), and Zyprexa, a schizophrenia treatment also approved to treat bipolar disorder. It is anticipated that these and other products will offset declining Prozac sales. The Lilly Endowment, a charitable foundation, owns 15% of the company. Ken Lay is on

2000 revenues were \$10.9 Billion and net income was \$3.1 Billion. Eli Lilly has 10 manufacturing branches in the US, 5 of which are served in this agreement. Eli Lilly is rated AA/Aa3.

#### RETURN SUMMARY

A preliminary model has been received from EES by RAC (displayed below). This model is in process of being validated by RAC. A DASH addendum will be circulated to reflect the final economics. In the event final economics do not provide a positive NPV, a revised approval by the Enron Board of Directors will be obtained prior to closing.

Economic Value at Mid:

Recap of EES NPV -	 PV 8%	
EAM Projects, gross savings	\$ 51,074	
O&M Savings	\$ 53,856	
Value to Lilly	\$ (73,451)	
Equity contributions	\$ (7,412)	
Credit Reserve	\$ (2,500)	
Total value to EES	\$ 21,567	

TRANSACTION UP	SIDE/OP	TIONA	LITY
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Deal Name: Lilly - Phase II RAC Deal Approval Sheet RISK MATRIX MITIGATION/COMMENTS DESCRIPTION Assets & Labor Risk Through an extended transition period, EES O&M Failure of EES to meet agreed to operational service personnel will engage in a rigorous training and levels. Of the 239 employees, approximately 20% are certification process prior to servicing energy assets. expected to walkover to EES under the outsourcing. This There are no union issues. The low percentage of will place an emphasis on training new personnel in order workers joining EES is primarily due to an offer by Lilly to properly execute the O&M component. Agreement for those affected to transfer to other positions within provides for escalating penalties to EES for failure to meet service levels (subject to a cap). Lilly. EES is entitled to recovery of savings through monthly Lilly delay of an approved project that meets criteria set Project Delay Damages. forth in the agreement EES is entitled to recovery of savings through monthly Lilly delay of an approved OM&R process enhancement OM&R Delay Damages. that would have led to energy consumption savings EES has the right (but no obligation) to implement Lilly rejects OM&R process enhancement that meets the projects that meet contractual Project Checklist. EES is Project Checklist set forth in the agreement entitled to recovery of savings through monthly OM&R Rejection Damages, subject to a Lilly deductible and cap EES has right (but no obligation) to implement efficiency Lilly rejects an EES proposed efficiency project for projects that meet contractual Project Checklist. EES is reasons other than those permitted under the agreement entitled to recovery of savings through monthly Project Rejection Damages, subject to a Lilly deductible and cap. Lilly's Quality Assurance/Quality Control group will be Compliance with FDA's GMP ("Good Manufacturing primarily responsible for compliance with GMP. EES Practices") associated with OM&R Services personnel will, however, be extensively trained in GMP. Inflation Risk Agreement is inflation-neutral. Baseline is escalated via Price increases in parts, labor and materials CPI (parts, materials) and ECI (labor) inflators published by the Bureau of Labor Statistics for the Midwest Region. Capital replacement and project costs are passed through capital Inflationary investments in pressure on to Lilly on an actual cost basis through lease payments expenditures **Facility Profile** EES will earn cost + 10% on any facility scope or service Change in Facility profile level changes. After 18 months, a new baseline for the change will be established. Labor disputes are considered a Force Majeure event; Labor disputes (between Lilly and its employees) disrupt EES's contractual obligations would be suspended. All EES's provision of OM&R services facilities are open-shop. Transition strategy calls for staged facility takeover. EES inability to perform services due to: inadequate staff Certification and takeover of a facility will not occur until level, inadequate staff skill level, inability to recruit from EES has demonstrated full operational capability. local markets in a timely manner A rigorous capital asset assessment survey will be Catastrophic or major component failure of equipment A Capital executed during the Transition phase. related to replacement capital Replacement / Maintenance plan has been developed for execution during the term that will replace or refurbish a significant portion of Lilly's Energy Assets. Lilly makes a Facility Termination Payment equal to Facility disposal or closure foregone savings, unwind costs, and a recapture of transaction mobilization expenses. EES to receive the Default Termination Payment, Lilly's right to terminate for convenience after year 5

excluding the 2% default premium.

#### Deal Name: Lilly - Phase II RAC Deal Approval Sheet Credit Risk Lilly is rated AA/Aa3 as of 1/2001 Lilly's financial position deteriorates / bankruptcy with Material Adverse Change provision: if Lilly's credit executory contracts drops to or below 'B' (S&P), payment for all service components is accelerated, invoices are due in advance. no grace period for bills, a 2% late fee is assessed to overdue bills, and Lilly funds all projects in-process. Legal/Other Risk EES service quality to ensure hazardous materials are not Environmental - EES is liable as the result of disturbing disturbed during project implementation or OM&R currently existing hazardous materials and those services. Lilly will provide list of plants and locations of introduced by EES. EES liable for non-compliance with known hazardous materials. environmental laws. Upon Lilly default, EES to receive Default Termination Lilly Default Payment equal to the greater of present value of all future Consequential Damages / Direct Damages expected savings or originally expected savings, adjusted to actual performance after year 5, plus a 2% default premium. Contractual aggregate limit of \$60MM during term; Product Liability Risk \$5MM per occurrence (\$10MM for environmental) limit. Amounts paid by non-EES affiliated 3rd party insurers do not count toward the aggregate liability cap. Lilly indemnifies EES for 3rd party product liability

KEY SUCCESS FACTORS:

I SUCCESS FACTURS.		Poor	Fair	Good	Very Good	Excellent
Strategic Fit		, 1				X
Transaction Hedge Liquidity	N/A	3.0				
Counterparty Risk						X
Contract Terms					Χ	
Upsell Potential	*****					X
EAM risk mitigation				X		
O&M risk mitigation			X			

#### OTHER RAC COMMENTS

A low percentage (20%) of Lilly O&M personnel are expected to join EES. This will make the O&M transition process more difficult to manage.

Repayment of the \$50 million under LLC structure is ultimately Eli Lilly credit risk, via the deficit restoration obligation and is not dependent on savings to Lilly. Thus, EES is exposed to minimum annual savings of at least 9% on the outstanding Class C shares. Current savings projections reflect the retirement of the Class C shares by year 11 of this agreement.

EES will guaranty that EAM savings are at least sufficient to cover the lease payments associated with the \$21.1 million of EAM capital.

#### **MILESTONES**

Walkover of O&M personnel. The utility operations at the five facilities included in the agreement are scheduled to transition to EES as follows:

July 1, 2001 Lilly Corporate Center

August 1, 2001 Greenfield

June 1, 2002 Lilly Technology Center

July 1, 2002 Clinton August 1, 2002 Tippecanoe

EC004403544

Page 4

claims (except for "willful misconduct"). EES only indemnifies Lilly for in-plant product or production loss.

RAC Deal Approval Sheet		Deal Name: Liny - Fliase 11	<del></del>
APPROVALS Origination	<u>Name</u> Michael Mann / Jeff Forbis	Signature A	Date
Structuring	Richard Zdunkewicz / M. Howe	Kadare Falling /	2.6.01
Origination Management	Michael Mann / Gayle Muench	Millet	
Legal	Vicki Sharp	x Cretis (	2/6/07
EES Management	Lou Pai / Tom White	- All	2/6/01
RAC Management	Dave Gorte / Rick Buy	Del B. Gro	b february 250
Enron Global Finance	Ben Glisan / Andy Fastow	<i>t</i>	<u> </u>
Enron Office of the Chairman	Jeff Skilling		

EC004403545

## RAC Deal Approval Sheet Global Finance Summary (addendum to DASH)

Deal Name: Ell Lilly

1.	Transaction Summary:	Amount (MM)
L	otal Deal/Project Capital Commitment ess: Financings ess: Syndications	\$179.3 -0- 50.0
N	let Enron Investment	\$129.3
2.	Investment terms and pricing:   Market  Above Market  Below Mark	et
	Describe (if necessary):	
3.	Pinancing terms and pricing: Market Above Market Below Mark	et e
	Describe (if necessary): Documents are drafted with ratings downgrade creating an event of d level. No financial covenants are incorporated by reference when credit reaches "BB", which this asset into a 125 vehicle & receive full mark to market value, & ultimately will be necess once construction is complete.	are thought to be necessary to sell
4.	Legal or practical liquidity restrictions:   Unrestricted Legally Restricted Pra	ctically Restricted
	Describe (if necessary):Lack of covenant structure/downgrade triggers could effect the liquid Enron credit enhancement. On the \$50MM Lilly monetization, the 9% fixed interest rate exp & changes in the underlying Treasuries until ultimate sale to the capital markets.	
5.	Any recourse to Enron (other than investment):	
	Describe (if any):	5C-9
6a.	Business unit intent to syndicate: None Partial All	
	Describe (if necessary):initially the Lilly monetization will be funded through Whitewing. To initially through Hawaii 125-O & then subsequently into EES structured finance vehicle by Judgment of the Capital Medical Medica	une 30 which will allow us to
6b.	Intended Enron hold period:	
6c.	Likely Syndication Market:	uity
	☐ Capital Markets ☐ JEDI ☐ JEDI 2 ☐ Enserco ☐ LJM 1 or 2 ☐ Condor ☐ Margaux ☒ Other: EES FASE markets	125 vehicle, ultimately capital
6d.	Is this a JEDI 2 "Qualified Investment"?	
7.	Business unit intent to hedge investment price risk (c.g. with Raptor)?	
	Describe (if necessary):	<b>#</b> / /
Glo	obal Finance Representative: Cheryl Lipshutz	106/01
Glo	bal Finance Legal:  Signature  Jordan Mintz  Name (Printed)	Date

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WHEREAS, Enron Energy Service Operations, Inc. ("EESO"), a wholly-owned subsidiary of the Company and certain of its affiliates and Eli Lilly and Company ("Lilly"), an Indiana corporation, desire to implement an energy management program ("Program") designed to outsource the management of Lilly's energy requirements;

WHEREAS, in connection with the implementation of this Program, EESO or an affiliate of EESO and Lilly desire to enter into (i) a Commodity Management Agreement ("CMA") and (ii) a Limited Liability Company Agreement ("LLC Agreement") forming a Delaware limited liability company ("LLC") which LLC will enter into an Energy Services Agreement (the "Services Agreement") with Lilly under which the LLC will implement a Program for certain Lilly facilities for up to fifteen (15) years, which Program services will include energy management services, the design, procurement, installation and financing of certain energy projects, and the operation, maintenance, repair and capital replacement of energy infrastructure at designated Lilly facilities, all pursuant to and in accordance with a Project, Operations, Maintenance and Repair Agreement, (POMR") and a Master Lease Agreement ("Lease") each

Services Agreement, POMR and Lease are referred to herein as the "Agreements"); and

WHEREAS, as security for EESO's and its affiliates' obligations under the Agreements, the Company is required to guaranty the obligations of EESO and its affiliates thereunder; and

WHEREAS, the Company deems it is in its best interests that EESO and its affiliates enter into the Agreements and that the Company guarantee the obligations of EESO and its affiliates under the Agreements;

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appropriate in connection with the Agreements, including, without limitation, the authority and power to approve the execution of the Agreements and any agreement to be entered into in connection with the Agreements and to approve a guaranty agreement or agreements (collectively, the "Guaranty"), each with such terms, conditions and obligations as the President and Chief Operating Officer of the Company shall approve, such approval and the approval of this Board of Directors of the Company to be evidenced conclusively by the execution and delivery thereof by an officer of the Company, EESO or other subsidiary of the Company authorized by the President and Chief Operating Officer of the Company:

RESOLVED FURTHER, that the officers of the Company be, and each of them hereby is, authorized, empowered and directed in the name and on behalf of the Company, under its corporate seal or otherwise, to take such further action as any such officer may deem necessary or appropriate in connection with the Company's obligations under the Guaranty, including the execution of the Guaranty and of any other certificates or documents as the officers of the Company shall approve, such approval and the approval of this Board of Directors to be evidenced conclusively by the execution and delivery of such other certificates or documents;

RESOLVED FURTHER, that the officers of the Company, EESO or other subsidiary of the Company and their respective counsel be, and each of them hereby is authorized and directed (anyone of them acting

alone) to take any and all such further action from time to time as any such officer may deem necessary or appropriate in connection with the Agreements and the Company's obligations under the Guaranty, including any amendment or modification of any of the Agreements or the Guaranty, and to execute and deliver all such further instruments, certificates, notices, waivers and documents for and on behalf of the Company, EESO or the other subsidiary of the Company, under corporate seal or otherwise, and to pay all such expenses as in their discretion appear to be necessary, proper or advisable to carry into effect the purposes and intentions of this and each of the foregoing resolutions; and

RESOLVED FURTHER, that all actions heretofore taken by an officer of the Company, or a subsidiary thereof, related to or in connection with the Agreements and the Guaranty and the transaction contemplated by these resolutions are hereby adopted, ratified, confirmed and approved in all respects.

Agenda Item 6

# Adjourn



Agenda

EC004403

Agenda

Approval of December 11, 2000 Finance Committee Minutes	Mr. Winokur	Page 1-1
2. Financial Reports		2-1
A) Chief Financial Officer Report	Mr. Fastow	2A-1
B) Review of LJM procedures and transactions completed in 2000	Mr. Causey	2B-1
3. Treasurer Report	Mr. Glisan	3-1
4. Chief Risk Officer Report	Mr. Buy	4-1
Quarterly Risk Update		4.0
- Merchant Portfolio Summary		4-2 4-18
- EES Status Report		4-16
- Market Risk Update		4-20
5. Projects and Amendments		5-1
A) Revision to the Risk Management Policy	Mr. Buy	5A-1
- Approve for Recommendation to the Board		
B) Revision to the Transaction Approval Process	Mr. Buy	5B-1
<ul> <li>Approve for Recommendation to the Board</li> </ul>		<b>50</b> 4
C) Eli Lilly	Mr. Blachman	5C-1
<ul> <li>Approve for Recommendation to the Board</li> </ul>		
6. Other Business		6-1
7. Adjourn	EC004403554	7-1
r. Aujouin		

